

Appendix C.

Statistical Methodology

MAIL LIST MODEL

Classification analysis was performed to predict the probability that an addressee on the 1992 mail list operated a farm, and thereby separated the preliminary mail list into probable farm and probable nonfarm classes. The analysis was used to reduce the preliminary census mail list of 3.78 million records to a final mail list size of 3.55 million records. All 3.55 million addresses on the final mail list received a census of agriculture report form.

Records from the 1987 final census mail list were used to build a 1992 prediction model for the 1992 analysis. Classification and Regression Trees (CART) software analyzed characteristics of known 1987 farm and nonfarm operations to determine which were most useful in predicting farm and nonfarm classes. Record characteristics such as the source of the mail list record, number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. (Sources included the previous agriculture census mail list, the Internal Revenue Service administrative records, U.S. Department of Agriculture, and special commodity lists.) The proportion of 1987 census farm records in each model group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

After the model groups were defined, each address record on the 1992 preliminary mail list was assigned to a model group by matching record characteristics to model group characteristics. Records belonging to the groups with the highest farm probability were those more likely to be farms according to the classification tree methodology. The model, followed by analyst reviews, was used to remove 229,700 records from the preliminary mail list (those in model groups with the lowest farm probability), and thereby designated the 3.55 million records with the highest farm probability to receive the census report form. This procedure was used to obtain a more complete census enumeration of farm operations without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 3.55 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample form, the screener form, and the

sample form. Sections 1 through 20 and 27 through 32 of the sample form are identical to sections on the nonsample form. The sample form, sections 21 through 26, contains additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, and farm-related income. The screener form is identical to the nonsample form with questions added in section 1 to allow quick identification of nonfarm addresses. These three different forms were used to reduce the response burden of the census, while providing reliable information on a large number of data items.

The sample form was mailed to all mail list records in Alaska, Hawaii, and Rhode Island, and to a sample of records in other States selected from the final mail list. Addresses were selected into the sample with certainty (1) if they were expected to have large total value of agricultural products sold or large acreage, (2) if they were multiunit operations (i.e., separate farms in more than one location), (3) if they had other special characteristics, or (4) if they were in a county with less than 100 farms in 1987. Other addresses in counties containing 100 to 199 farms in 1987 were systematically sampled at a rate of 1 in 2, and other addresses in counties containing 200 farms or more in 1987 were systematically sampled at a rate of 1 in 6. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties. When a nonsample large farm was identified during processing, a supplemental form that contained the additional sample data inquiries was mailed.

To determine which mail list records would receive the screener form, all mail list records not designated for the sample were sorted by model group farm probability as specified by the mail list model. The 412,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than \$25,000 were designated to receive the screener report form. The remaining mail list records received the nonsample report form.

CENSUS ESTIMATION

The 1992 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted for nonresponse to the data collection and for the sample data collection. These procedures are necessary because some farm operators never respond to

the census despite numerous attempts to contact them, and the estimates for the sample data are based on a sample of farm operators rather than a full enumeration.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for nonrespondent farm operators to the census. We excluded large and unique farm operations that received intensive telephone followup during census processing, assuming complete response from them. A stratified systematic sample of remaining census nonrespondents were contacted by enumerators using a computer-assisted telephone interview system. Five sample strata were defined based on expected value of sales, previous census status, and whether the record was identified by the mail list model to receive the screener report form. The nonresponse survey telephone interview was designed to provide sufficient information to determine the farm status of each record.

In situations where the nonresponse survey case could not be contacted, the contact person refused to cooperate, or when no phone number could be obtained, a screener report form was sent by certified mail.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. The number of census nonrespondents that operated farms for each county by stratum was then derived. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Certain census respondent farms which exhibited "rare" commodities were designated as "ineligible" to represent census nonrespondent farms and were excluded from the nonresponse weighting operation. The procedure explained below was performed with only the eligible respondent cases: Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The noninteger nonresponse weight is the ratio of the sum of the estimated number of nonrespondent farms from the nonresponse survey and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the calculation of the final weight for the sample items. The noninteger nonresponse weight was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items for publication.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in these tables are the percents of the census values contributed by nonresponse estimation. These indicate the potential for bias in published figures resulting from nonresponse to the census. The estimates provided

in these tables do not reflect the effect of item nonresponse to individual census data items. The effect of item nonresponse is discussed in the Census Nonsampling Error section.

Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1992

Item	Percent of total
Farms .....number. .	14.4
Land in farms.....acres. .	3.8
Estimated market value of land and buildings ¹.....\$1,000. .	4.9
Market value of agricultural products sold ..\$1,000. .	2.1
Harvested cropland .....acres. .	6.0
Corn for grain or seed .....acres. .	5.6
Wheat for grain .....acres. .	4.6
Livestock and poultry inventory:	
Cattle and calves .....number. .	3.6
Hogs and pigs .....number. .	3.5
Hens and pullets of laying age.....number. .	.2

¹Data are based on a sample of farms.

Sample Estimation

Sample data estimates the population totals that would have resulted from a complete census for the items in sections 21 through 26 of the sample report form. The estimates were obtained from a ratio estimation procedure that resulted in the assignment of a weight to each respondent record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing over all sample records in the county.

Each respondent sample farm was assigned a sample weight for use in producing estimates for all sample items. For example, if the weight given to a sample farm had the value 6, all sample data items reported by that farm would be multiplied by 6. The weight assigned to a sample certainty farm was 1.

Other than certainty farms, within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1992 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The three sets of groups were as follows:

TVP	SIC	Acres
\$1 to \$999	01 All crops	1 to 69
\$1,000 to \$2,499	02 All livestock	70 or more
\$2,500 to \$4,999		
\$5,000 to \$9,999		
\$10,000 to \$24,999		
\$25,000 to \$49,999		
\$50,000 to \$99,999		
\$100,000 or more		

The first step in the estimation procedure was to classify the sample records into 32 mutually exclusive initial post strata formed by the three sets of groups. The total and sample farm counts were expanded to account for nonresponse. Each cell containing sample farm records was assigned an initial sample weight equal to the ratio of the total farm count to the sample farm count. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the 32 initial post strata to increase the reliability of the ratio estimation procedure. Any stratum that contained less than 10 sample farms after nonresponse adjustment or had a weight greater than two times the mail sample rate was collapsed with another stratum. The mail sample rate was either 2 or 6, depending on whether the county had a 1 in 2 or 1 in 6 sample selection rate. The collapsing occurred within the initial 32 post strata according to a specified collapsing pattern. After the collapsing process was completed, new total farm counts and sample farm counts were computed from each of the final post strata and were used to calculate final sample weights.

The final step consisted of assigning the noninteger final post stratum weight to the sample farm records in each post stratum. The weight is the ratio of total farm count to sample farm count in each final post stratum. The noninteger sample weight, the product of the noninteger final post stratum weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the farms in a particular post stratum was 7.2, then 0.2 or one-fifth of the sample farms in this post stratum were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

The sample for the 1992 Census of Agriculture is only one of a large number of possible samples of the same size that could have been selected using the same sample design. Sample refers to the sample for both the nonresponse survey and the selection of farms to receive the sample report forms. Estimates derived from all the possible samples would differ from each other only by random variation.

The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of an estimate is defined as 100 times the standard error of the estimate divided by the value of the estimate.

If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.
2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the average value of all possible samples.

The following example illustrates the computations necessary for producing a confidence interval for an estimate. Assume that the estimate of number of farms for a State is 94,382 and the relative standard error of the estimate is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error; therefore, a 90-percent confidence interval is 94,227 to 94,537 (i.e., 94,382 plus or minus 1.65 x 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 90 percent of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 95-percent confidence interval is 94,198 to 94,566 (i.e., 94,382 plus or minus 1.96 x 94).

Census items were classified as either complete count or sample count items. Complete count items were asked of all farm operators. Examples of complete count items were land in farms, harvested cropland, livestock inventory and sales, crop acreage, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics.

Sample count items were asked only of a sample of farm operators. These items appeared only in sections 21 through 26 of the sample report form. Sample count items were included under the following section headings: commercial fertilizers, chemicals, production expenses, farm machinery and equipment, value of land and buildings, and farm-related income.

Variability, measured as percent relative standard error, in the estimates of complete count items is due only to the nonresponse survey estimation procedure. Variability in the estimates of sample count items is due to both the nonresponse survey estimation procedure and the census sample selection and estimation procedure. Thus, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates.

Table B provides the generalized reliability estimates of the estimated number of farms in a county reporting complete count and sample count items. The top half of the table shows the percent relative standard error for estimated number of farms in a county reporting a complete count item and the bottom half a sample count item. These are derived from regression equations. Separate regression equations were used for complete count items and sample count items. Each regression equation was fit with the estimated number of farms in a county reporting an item as the independent variable and the relative variance of that estimate as the dependent variable for all counties in the State. For sample count items, only data

from counties sampled at a rate of 1 in 6 are used in the estimation of the regression equation.

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item or Sample Count Item: 1992

Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM	
Number of farms reporting:	
25	5.8
50	3.4
75	2.1
100	1.0
150 .....	.8
200 .....	.7
300 .....	.6
500 .....	.4
750 .....	.4
1,000 .....	.3
1,500 .....	.2
2,000 .....	.2
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	30.1
50	22.9
75	20.0
100	18.3
150	16.5
200	15.5
300	14.5
500	13.6
750	13.1
1,000	12.8
1,500	12.6
2,000	12.5

To illustrate the use of this table, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 15, is 89. Since hogs and pigs is a complete count data item, refer to the first part of table B and use the estimated percent relative standard error of the estimate from the row with farm count equal to or just less than the estimated number of farms, 89. For this example, the percent relative standard error of the estimate comes from the row for 75 farms reporting. For sample count items, follow the same procedure using the second part of table B. For counties with fewer than 100 farms in the 1987 Census of Agriculture, variability in sample count item estimates comes only from nonresponse survey estimation procedures; thus, the estimated relative standard error for a sample count item in these counties may be obtained using the first part of table B.

Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of \$10,000 or more.

Table E presents the percent standard error for percent change in State totals from 1987 to 1992. The general

purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1992 and the 1987 estimate for that characteristic to the 1987 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the percent relative standard error for State and county totals for selected data items. The percent relative standard error of the estimate for the same item differs among counties in the State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected jointly by sampling errors, described in the previous section, and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error and classification error.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the high cost and availability of resources for enumeration place restrictions on feasible data collection methodologies. The past six agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

The past five censuses of agriculture have included approximately 91 percent of farms in the United States and approximately 96 percent of agriculture production. Complete enumeration of agricultural operations satisfying the farm definition of \$1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used

by an operation, the number of operations in which an operator participates, the accuracy of data reporting, and other factors. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1992 Coverage Evaluation program will be published in volume 2, Subject Series (Part 2): Coverage Evaluation.

The evaluation of coverage for the 1992 census was designed to measure four components of error in the census mail list and in farm classification. Mail list error includes two components of error, a measurement of farms not on the census mail list (undercount) and a measurement of farms enumerated more than once in the census (overcount). Classification error includes two components of error, a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference between undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with mail enumeration for the census of agriculture is the difficulty encountered in compiling a complete mail list. The percentage of farms included on the census mail list varies considerably by State. Several reasons have contributed to farm operator names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in any of the agriculture-related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list are small in both acres and sales of agricultural products.

The 1992 Census of Agriculture Coverage Evaluation used the area segment sample of the 1992 June Agricultural Survey (JAS) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with NASS to augment the JAS data collection. The survey data collected by NASS will be protected under the confidentiality of title 13, U.S. Code. These JAS survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list

coverage. Estimates of farms not on the census mail list are computed using a capture-recapture dual frame estimator which will be described in the Coverage Evaluation report mentioned earlier.

Table G provides coverage evaluation estimates for one component of coverage error associated with the census of agriculture; that is, the error due to farms not on the census mail list. Also provided are estimates of selected characteristics of farms not on the mail list, estimates of characteristics of farms not on the mail list as a percentage of total farms in the State, and the percent relative standard error associated with each estimate. The estimate of total farms in the State is based on census farm count plus the estimated number of farms not on the census mail list. This estimate of total farms in the State was not adjusted for the components of error associated with classification and list duplication error. Estimates of these errors will be made at the regional, rather than the State level, and will be provided in the Coverage Evaluation report mentioned earlier.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect classification of farms. This type of reporting error is measured by the Classification Error Survey discussed later in this section. To reduce all types of reporting error, detailed instructions for completing the report form were provided to each addressee. Questions were phrased as clearly as possible based on tests of the census report form and each respondent's answers were checked for completeness and consistency.

Item Nonresponse

As information flows from data collection to tabulation, various types of item nonresponses are identified on the report forms. Nonresponse to particular questions on the report form that logically should be present may create a type of nonsampling error in both complete count and sample count data. When information from reporting farms is used to edit or impute for item nonresponse, the data may be biased due to characteristics of the nonreporting respondents differing from those reporting the item. Any attempt to correct the data items may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

All phases of processing for each report form are sources for the introduction of nonsampling error. The processing of the report forms includes clerical screening for farm activity, computerized check-in of report forms and follow-up of nonrespondents, keying and transmittal of

completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

Classification Error

An evaluation study of classification errors was conducted in the 1992 Census of Agriculture as part of the census coverage evaluation program. A sample of census mail list respondents was selected, and these addresses were reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation report form and compared with the census farm status which was based on the data reported on the report form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. For the 1987 census, the classification error rate was higher for (1) farms with small values of sales, (2) farms with a small number of acres, (3) full-owner farms than part-owner or tenant farms, (4) operators with principal occupation other than farming, and (5) males than females. Results from the 1992 Classification Error Survey will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

The Census of Agriculture Complex Edit and Imputation System performs the following functions:

- Ensuring reasonable relationships between/among data items, values for various sizes of farms, and combinations of commodities.
- Ensuring necessary consistencies are present. There are more than 70 distinct consistency requirements.
- Ensuring geographic, legal, and physical constraints are met.

The system must perform these and similar functions for 900 data keycodes for sample records and 850 data keycodes for nonsample records.

For the 1992 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. The complex edit and imputation system provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices.

Each execution of the computer edit consisted of records from only one State. The computer records were sorted by reported State and county. For a given execution of the edit, the stored entries in the various matrices were retained in memory only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 25 percent of the reports included as farms; they were reviewed for keying accuracy to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited.

Table C. Reliability Estimates of State Totals for All Farms: 1992

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms ----- number --	27 152	.8	Total farm production expenses ----- farms --	27 154	.9
Land in farms ----- acres --	33 983 029	.2	----- \$1,000 --	3 569 175	.2
Average size of farm ----- acres --	1 252	.8	Average per farm ----- dollars --	131 442	.9
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			Livestock and poultry purchased ----- farms --	9 868	1.9
Total sales (see text) ----- farms --	27 152	.8	----- \$1,000 --	1 576 251	.2
----- \$1,000 --	4 115 552	.1	Feed for livestock and poultry ----- farms --	16 574	1.3
Average per farm ----- dollars --	151 575	.8	----- \$1,000 --	643 202	.3
Farms by value of sales:			Commercially mixed formula feeds ----- farms --	5 865	2.6
Less than \$1,000 (see text) ----- farms --	3 689	1.5	----- \$1,000 --	135 972	.6
----- \$1,000 --	799	1.9	Seeds, bulbs, plants, and trees ----- farms --	10 564	1.6
\$1,000 to \$2,499 ----- farms --	2 676	1.5	----- \$1,000 --	62 380	1.0
----- \$1,000 --	4 417	1.5	Commercial fertilizer ----- farms --	12 076	1.5
\$2,500 to \$4,999 ----- farms --	2 637	1.3	----- \$1,000 --	93 985	1.2
----- \$1,000 --	9 386	1.3	Agricultural chemicals ----- farms --	13 050	1.5
\$5,000 to \$9,999 ----- farms --	3 005	1.1	----- \$1,000 --	57 644	1.8
----- \$1,000 --	21 469	1.1	Petroleum products ----- farms --	25 478	.9
\$10,000 to \$19,999 ----- farms --	3 243	1.1	----- \$1,000 --	115 815	.9
----- \$1,000 --	46 405	1.1	Electricity ----- farms --	18 662	1.2
\$20,000 to \$24,999 ----- farms --	1 006	1.4	----- \$1,000 --	58 473	1.1
----- \$1,000 --	22 387	1.4	Hired farm labor ----- farms --	9 137	1.8
\$25,000 to \$39,999 ----- farms --	2 087	1.2	----- \$1,000 --	209 675	.7
----- \$1,000 --	65 883	1.2	Contract labor ----- farms --	4 835	2.8
\$40,000 to \$49,999 ----- farms --	1 048	1.3	----- \$1,000 --	26 105	2.9
----- \$1,000 --	46 825	1.3	Repair and maintenance ----- farms --	22 628	1.0
\$50,000 to \$99,999 ----- farms --	2 866	.9	----- \$1,000 --	134 816	1.0
----- \$1,000 --	205 667	.9	Customwork, machine hire, and rental of machinery and equipment ----- farms --	10 198	1.8
\$100,000 to \$249,999 ----- farms --	2 871	.6	----- \$1,000 --	52 486	2.1
----- \$1,000 --	450 498	.5	Interest expense ----- farms --	13 513	1.5
\$250,000 to \$499,999 ----- farms --	1 115	—	----- \$1,000 --	165 509	1.1
----- \$1,000 --	384 294	—	Secured by real estate ----- farms --	9 111	1.9
\$500,000 or more ----- farms --	909	—	----- \$1,000 --	98 262	1.6
----- \$1,000 --	2 857 521	—	Not secured by real estate ----- farms --	8 139	2.0
Sales by commodity or commodity group:			----- \$1,000 --	67 247	1.3
Crops, including nursery and greenhouse crops ----- farms --	14 124	.8	Cash rent ----- farms --	6 364	2.4
----- \$1,000 --	1 036 174	.3	----- \$1,000 --	67 697	2.0
Grains ----- farms --	8 492	.7	Property taxes ----- farms --	24 319	1.0
----- \$1,000 --	558 058	.4	----- \$1,000 --	53 377	1.2
Corn for grain ----- farms --	3 772	.8	All other farm production expenses ----- farms --	25 187	.9
----- \$1,000 --	253 480	.4	----- \$1,000 --	251 759	.7
Wheat ----- farms --	5 565	.7	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
----- \$1,000 --	211 200	.3	All farms ----- number --	27 154	.9
Soybeans ----- farms --	17	5.5	----- \$1,000 --	515 763	1.1
----- \$1,000 --	333	6.1	Average per farm ----- dollars --	18 994	1.4
Sorghum for grain ----- farms --	609	1.4	Farms with net gains ² ----- number --	13 612	1.4
----- \$1,000 --	10 702	1.0	----- \$1,000 --	656 244	.8
Barley ----- farms --	918	1.0	Average net gain ----- dollars --	48 211	1.6
----- \$1,000 --	22 343	.7	Farms with net losses ----- number --	13 542	1.5
Oats ----- farms --	372	1.7	----- \$1,000 --	140 481	1.8
----- \$1,000 --	1 613	2.4	Average net loss ----- dollars --	10 374	2.4
Other grains ----- farms --	2 121	.8	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
----- \$1,000 --	58 387	.6	Government payments ----- farms --	7 800	.7
Cotton and cottonseed ----- farms --	—	—	----- \$1,000 --	117 564	.4
----- \$1,000 --	—	—	Other farm-related income ¹ ----- farms --	7 310	2.3
Tobacco ----- farms --	—	—	----- \$1,000 --	50 259	3.4
----- \$1,000 --	—	—	Customwork and other agricultural services ----- farms --	2 724	4.0
Hay, silage, and field seeds ----- farms --	7 768	.9	----- \$1,000 --	23 455	5.0
----- \$1,000 --	125 567	.8	Gross cash rent or share payments ----- farms --	3 470	3.6
Vegetables, sweet corn, and melons ----- farms --	660	1.3	----- \$1,000 --	20 408	5.4
----- \$1,000 --	98 051	.3	Forest products and Christmas trees ----- farms --	165	14.5
Fruits, nuts, and berries ----- farms --	585	1.6	----- \$1,000 --	803	12.4
----- \$1,000 --	15 301	1.9	Other farm-related income sources ----- farms --	2 486	3.9
Nursery and greenhouse crops ----- farms --	473	1.5	----- \$1,000 --	5 593	5.5
----- \$1,000 --	119 699	.3	COMMODITY CREDIT CORPORATION LOANS		
Other crops ----- farms --	822	.9	Total ----- farms --	1 194	.9
----- \$1,000 --	119 497	.3	----- \$1,000 --	38 760	.5
Livestock, poultry, and their products ----- farms --	17 613	.8			
----- \$1,000 --	3 079 378	.1			
Poultry and poultry products ----- farms --	715	1.7			
----- \$1,000 --	115 073	.1			
Dairy products ----- farms --	522	1.1			
----- \$1,000 --	166 166	.2			
Cattle and calves ----- farms --	14 439	.7			
----- \$1,000 --	2 570 192	.1			
Hogs and pigs ----- farms --	1 558	1.2			
----- \$1,000 --	78 573	.4			
Sheep, lambs, and wool ----- farms --	1 962	1.1			
----- \$1,000 --	126 916	.1			
Other livestock and livestock products (see text) ----- farms --	3 018	1.1			
----- \$1,000 --	22 457	1.4			
Value of agricultural products sold directly to individuals for human consumption (see text) ----- farms --	1 523	1.3			
----- \$1,000 --	7 461	.9			

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-7

Table C. Reliability Estimates of State Totals for All Farms: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			TENURE OF OPERATOR		
Total cropland ----- farms ..	21 882	.8	All operators ----- farms ..	27 152	.8
Harvested cropland ----- farms ..	10 933 484	.4	Full owners ----- farms ..	33 983 029	.2
Farms by acres harvested:			Part owners ----- farms ..	8 877 987	.4
1 to 9 acres ----- farms ..	5 532 964	.4	Tenants ----- farms ..	8 711	.6
1 to 9 acres ----- acres ..	2 040	1.5	Tenants ----- acres ..	21 164 573	.2
10 to 19 acres ----- farms ..	9 760	1.5	Tenants ----- acres ..	3 734	1.0
10 to 19 acres ----- acres ..	1 568	1.4	Tenants ----- acres ..	3 940 469	.4
20 to 29 acres ----- farms ..	20 822	1.4	OWNED AND RENTED LAND		
20 to 29 acres ----- acres ..	1 151	1.4	Land owned ----- farms ..	23 596	.8
30 to 49 acres ----- farms ..	26 134	1.4	Owned land in farms ----- farms ..	21 829 927	.3
30 to 49 acres ----- acres ..	1 747	1.2	Owned land in farms ----- acres ..	23 418	.8
50 to 99 acres ----- farms ..	64 710	1.2	Owned land in farms ----- acres ..	20 027 988	.2
50 to 99 acres ----- acres ..	2 537	1.1	Land rented or leased from others ----- farms ..	12 568	.7
100 to 199 acres ----- farms ..	176 200	1.1	Land rented or leased from others ----- acres ..	14 227 130	.3
100 to 199 acres ----- acres ..	2 738	1.1	Land rented or leased from others ----- landlords ..	27 244	.6
200 to 499 acres ----- farms ..	376 640	1.1	Rented or leased land in farms ----- farms ..	12 445	.7
200 to 499 acres ----- acres ..	3 536	.9	Rented or leased land in farms ----- acres ..	13 955 041	.3
500 to 999 acres ----- farms ..	1 109 439	.9	Land rented or leased to others ----- farms ..	3 367	.9
500 to 999 acres ----- acres ..	1 947	.6	Land rented or leased to others ----- acres ..	2 074 028	.8
1,000 acres or more ----- farms ..	1 352 282	.6	OPERATOR CHARACTERISTICS		
1,000 acres or more ----- acres ..	1 309	—	Operators by place of residence:		
Cropland:			On farm operated ----- farms ..	19 874	.8
Pasture or grazing only ----- farms ..	8 810	.9	Not on farm operated ----- farms ..	5 759	1.0
Other cropland ----- farms ..	1 177 198	.9	Not reported ----- farms ..	1 519	1.0
Other cropland ----- acres ..	8 909	.7	Operators by principal occupation:		
Total woodland ----- farms ..	4 223 322	.4	Farming ----- farms ..	16 181	.7
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	2 397	1.1	Other ----- farms ..	10 971	1.1
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	1 184 667	.4	Operators by days worked off farm:		
Irrigated land ----- farms ..	11 949	.7	Any ----- farms ..	13 914	1.0
Acres irrigated:			200 days or more ----- farms ..	8 353	1.1
1 to 9 acres ----- farms ..	21 314 825	.1	Operators by sex:		
1 to 9 acres ----- acres ..	14 272	.8	Male ----- farms ..	24 654	.8
50 to 99 acres ----- farms ..	550 053	.5	Female ----- farms ..	32 320 584	.2
50 to 99 acres ----- acres ..	15 193	.8	Female ----- acres ..	2 498	1.2
100 to 199 acres ----- farms ..	3 169 839	.5	Female ----- acres ..	1 662 445	.5
100 to 199 acres ----- acres ..	2 087	1.4	Average age of operator ----- years ..	52.9	1.1
200 to 499 acres ----- farms ..	9 896	1.5	FARMS BY TYPE OF ORGANIZATION		
200 to 499 acres ----- acres ..	4 018	1.1	Individual or family (sole proprietorship) ----- farms ..	22 359	.9
500 to 999 acres ----- farms ..	98 967	1.1	Partnership ----- farms ..	21 271 311	.3
500 to 999 acres ----- acres ..	2 212	1.1	Corporation:		
1,000 acres or more ----- farms ..	153 563	1.2	Family held ----- farms ..	1 417	.8
1,000 acres or more ----- acres ..	2 417	1.1	More than 10 stockholders ----- farms ..	4 285 626	.2
Harvested cropland irrigated ----- farms ..	328 598	1.1	10 or less stockholders ----- farms ..	50	3.1
Pasture and other land irrigated ----- farms ..	2 744	.9	Other than family held ----- farms ..	1 367	.8
Pasture and other land irrigated ----- acres ..	852 731	.9	More than 10 stockholders ----- farms ..	232	1.7
Pasture and other land irrigated ----- acres ..	1 195	.6	10 or less stockholders ----- farms ..	607 865	.4
Land under federal acreage reduction programs:			More than 10 stockholders ----- farms ..	34	3.5
Diverted under annual commodity programs ----- farms ..	802 716	.6	10 or less stockholders ----- farms ..	198	1.9
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	520	.3	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	254	1.9
Conservation Reserve or Wetlands Reserve Programs ----- acres ..	923 368	.2	Other—cooperative, estate or trust, institutional, etc. ----- acres ..	1 649 371	.2
VALUE OF LAND AND BUILDINGS ¹			HIRED FARM LABOR		
Estimated market value of land and buildings ----- farms ..	13 471	.8	Hired workers by days worked:		
Average per farm ----- \$1,000 ..	2 649 111	.5	150 days or more ----- farms ..	4 770	2.3
Average per acre ----- dollars ..	5 114	.9	Less than 150 days ----- farms ..	14 365	1.4
Land under federal acreage reduction programs:			Less than 150 days ----- workers ..	7 865	2.0
Diverted under annual commodity programs ----- farms ..	520 728	.7	Less than 150 days ----- workers ..	32 059	2.8
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			INJURIES AND DEATHS		
Conservation Reserve or Wetlands Reserve Programs ----- acres ..			Farm-related injuries:		
VALUE OF MACHINERY AND EQUIPMENT ¹			Operator and family members ----- farms ..	274	1.7
Estimated market value of all machinery and equipment ----- farms ..	27 071	.9	Hired workers ----- farms ..	311	1.8
Average per farm ----- \$1,000 ..	1 485 320	1.1	Hired workers ----- farms ..	363	.8
Average per acre ----- dollars ..	54 868	1.4	Hired workers ----- number ..	703	.5
AGRICULTURAL CHEMICALS ¹			Farm-related deaths:		
Commercial fertilizer ----- farms ..			Operator and family members ----- farms ..	8	9.5
Commercial fertilizer ----- acres on which used ..	12 066	1.5	Hired workers ----- farms ..	8	9.5
Commercial fertilizer ----- acres on which used ..	3 512 691	1.6	Hired workers ----- farms ..	2	—
			Hired workers ----- number ..	(D)	(D)

See footnotes at end of table.

Table C. Reliability Estimates of State Totals for All Farms: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			LIVESTOCK		
1 to 9 acres ----- farms --	2 424	1.4	Cattle and calves inventory ----- farms --	14 797	.8
----- acres--	9 398	1.5	----- number--	3 086 717	.2
10 to 49 acres ----- farms --	4 867	1.3	Beef cows ----- farms --	11 596	.8
----- acres--	126 513	1.3	----- number--	900 347	.4
50 to 69 acres ----- farms --	938	1.5	Milk cows ----- farms --	1 162	1.0
----- acres--	54 199	1.5	----- number--	81 825	.2
70 to 99 acres ----- farms --	1 521	1.3	Cattle and calves sold ----- farms --	14 439	.7
----- acres--	122 890	1.3	----- number--	3 569 739	.1
100 to 139 acres ----- farms --	1 241	1.4	----- \$1,000--	2 570 192	.1
----- acres--	144 686	1.4	Hogs and pigs inventory ----- farms --	1 643	1.2
			----- number--	464 479	.4
			Hogs and pigs sold ----- farms --	1 558	1.2
			----- number--	878 515	.4
			----- \$1,000--	78 573	.4
			Sheep and lambs of all ages inventory ----- farms --	1 911	1.1
			----- number--	730 272	.2
			Sheep and lambs sold ----- farms --	1 901	1.1
			----- number--	1 802 333	.1
140 to 179 acres ----- farms --	1 671	1.2	Horses and ponies inventory ----- farms --	9 917	.9
----- acres--	264 812	1.2	----- number--	69 381	1.0
180 to 219 acres ----- farms --	785	1.6	Horses and ponies sold ----- farms --	2 299	1.1
----- acres--	154 750	1.6	----- number--	8 585	1.3
220 to 259 acres ----- farms --	712	1.5	POULTRY		
----- acres--	169 377	1.5	Chickens 3 months old or older inventory ----- farms --	1 767	1.3
260 to 499 acres ----- farms --	3 097	1.1	----- number--	4 257 327	.2
----- acres--	1 127 316	1.1	Hens and pullets of laying age ----- farms --	1 744	1.3
500 to 999 acres ----- farms --	3 188	1.1	----- number--	3 798 587	(L)
----- acres--	2 282 449	1.1	Broilers and other meat-type chickens sold ----- farms --	74	4.3
			----- number--	(D)	(D)
1,000 to 1,999 acres ----- farms --	2 740	1.0	CROPS HARVESTED		
----- acres--	3 897 545	1.0	Corn for grain or seed ----- farms --	4 066	.8
2,000 acres or more ----- farms --	3 968	—	----- acres--	891 720	.4
----- acres--	25 629 094	—	----- bushels--	126 076 043	.4
			Corn for silage or green chop ----- farms --	1 341	.8
			----- acres--	98 838	.6
			----- tons, green --	2 102 940	.7
			Sorghum for grain or seed ----- farms --	709	1.2
			----- acres--	163 850	1.0
			----- bushels--	6 280 126	.9
			Wheat for grain ----- farms --	5 597	.7
			----- acres--	2 384 979	.3
			Barley for grain ----- farms --	71 825 463	.3
			----- acres--	1 053	.9
			Oats for grain ----- farms --	115 321	.7
			----- bushels--	8 934 199	.7
			----- acres--	610	1.4
			Dry edible beans, excluding dry limas ----- farms --	24 002	1.6
			----- acres--	1 395 905	2.0
			----- cwt--	1 533	.9
			Irish potatoes ----- farms --	150 824	.7
			----- acres--	2 509 515	.6
			----- cwt--	326	1.2
			Hay—alfalfa, other tame, small grain, wild, grass ----- farms --	70 070	.5
			----- acres--	21 619 553	.4
			----- tons, dry --	13 160	.8
			Alfalfa hay ----- farms --	1 449 177	.6
			----- acres--	3 464 389	.6
			----- tons, dry --	9 411	.8
			Vegetables harvested for sale (see text) ----- farms --	790 227	.7
			----- acres--	2 484 316	.7
			----- tons, dry --	660	1.3
			Land in orchards ----- farms --	44 210	.5
			----- acres--	840	1.5
			----- acres--	10 027	2.1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION					
Cash grains (011) ----- farms --	5 010	.8			
----- acres--	7 438 606	.3			
Field crops, except cash grains (013) ----- farms --	3 737	1.1			
----- acres--	1 728 305	.7			
Vegetables and melons (016) ----- farms --	323	1.7			
----- acres--	97 781	1.0			
Fruits and tree nuts (017) ----- farms --	570	1.6			
----- acres--	24 752	2.8			
Horticultural specialties (018) ----- farms --	383	1.6			
----- acres--	32 895	1.5			
General farms, primarily crop (019) ----- farms --	1 010	1.3			
----- acres--	653 273	.8			
Livestock, except dairy, poultry, and animal specialties (021) ----- farms --	12 704	.8			
----- acres--	22 466 496	.2			
Dairy farms (024) ----- farms --	391	1.1			
----- acres--	201 134	.9			
Poultry and eggs (025) ----- farms --	141	3.0			
----- acres--	18 360	3.2			
Animal specialties (027) ----- farms --	2 347	1.4			
----- acres--	579 444	.8			
General farms, primarily livestock and animal specialties (029) ----- farms --	536	1.7			
----- acres--	741 983	.8			

¹Data are based on a sample of farms.²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table D. Reliability Estimates of State Totals for Farms With Sales of \$10,000 or More: 1992

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms number ..	15 145	.7	Total farm production expenses farms ..	15 224	.8
Land in farms acres ..	30 724 785	.2	..... \$1,000 ..	3 492 608	.2
Average size of farm acres ..	2 029	.8	Average per farm dollars ..	229 415	.9
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			Livestock and poultry purchased farms ..	6 536	2.0
Total sales (see text) farms ..	15 145	.7	..... \$1,000 ..	1 569 253	.2
Average per farm dollars ..	4 079 480	.1	Feed for livestock and poultry farms ..	9 724	1.4
Farms by value of sales:			..... \$1,000 ..	634 237	.3
\$10,000 to \$19,999 farms ..	3 243	1.1	Commercially mixed formula feeds farms ..	3 628	2.9
..... \$1,000 ..	46 405	1.1	..... \$1,000 ..	134 387	.6
\$20,000 to \$24,999 farms ..	1 006	1.4	Seeds, bulbs, plants, and trees farms ..	8 666	1.6
..... \$1,000 ..	22 387	1.4	..... \$1,000 ..	61 598	1.0
\$25,000 to \$39,999 farms ..	2 087	1.2	Commercial fertilizer farms ..	9 224	1.5
..... \$1,000 ..	65 883	1.2	..... \$1,000 ..	92 078	1.2
\$40,000 to \$49,999 farms ..	1 048	1.3	Agricultural chemicals farms ..	9 213	1.4
..... \$1,000 ..	46 825	1.3	..... \$1,000 ..	55 945	1.8
\$50,000 to \$99,999 farms ..	2 866	.9	Petroleum products farms ..	15 046	.9
..... \$1,000 ..	205 667	.9	..... \$1,000 ..	108 439	.9
\$100,000 to \$249,999 farms ..	2 871	.6	Electricity farms ..	12 419	1.2
..... \$1,000 ..	450 498	.5	..... \$1,000 ..	56 030	1.1
\$250,000 to \$499,999 farms ..	1 115	—	Hired farm labor farms ..	6 899	1.8
..... \$1,000 ..	384 294	—	..... \$1,000 ..	208 026	.7
\$500,000 or more farms ..	909	—	Contract labor farms ..	3 318	3.0
..... \$1,000 ..	2 857 521	—	..... \$1,000 ..	24 589	3.1
Sales by commodity or commodity group:			Repair and maintenance farms ..	13 989	1.0
Crops, including nursery and greenhouse crops farms ..	10 052	.8	..... \$1,000 ..	124 855	1.0
..... \$1,000 ..	1 023 903	.3	Customwork, machine hire, and rental of machinery and equipment farms ..	7 195	1.9
Grains farms ..	7 478	.7	..... \$1,000 ..	50 518	2.1
..... \$1,000 ..	554 155	.4	Interest expense farms ..	9 803	1.5
Corn for grain farms ..	3 589	.8	..... \$1,000 ..	153 755	1.1
..... \$1,000 ..	252 958	.4	Secured by real estate farms ..	6 322	2.1
Wheat farms ..	4 891	.7	..... \$1,000 ..	88 168	1.6
..... \$1,000 ..	208 515	.3	Not secured by real estate farms ..	6 564	2.0
Soybeans farms ..	17	5.5	..... \$1,000 ..	65 587	1.3
..... \$1,000 ..	333	6.1	Cash rent farms ..	5 051	2.5
Sorghum for grain farms ..	559	1.4	..... \$1,000 ..	66 114	2.0
..... \$1,000 ..	10 559	1.0	Property taxes farms ..	13 457	1.0
Barley farms ..	861	1.0	..... \$1,000 ..	43 441	1.3
..... \$1,000 ..	22 172	.7	All other farm production expenses farms ..	15 216	.8
Oats farms ..	291	1.8	..... \$1,000 ..	243 731	.7
..... \$1,000 ..	1 506	2.6	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Other grains farms ..	2 031	.8	All farms number ..	15 224	.8
..... \$1,000 ..	58 112	.6	..... \$1,000 ..	556 819	1.0
Cotton and cottonseed farms ..	—	—	Average per farm dollars ..	36 575	1.3
..... \$1,000 ..	—	—	Farms with net gains ² number ..	10 619	1.4
Tobacco farms ..	—	—	..... \$1,000 ..	650 380	.8
..... \$1,000 ..	—	—	Average net gain dollars ..	61 247	1.6
Hay, silage, and field seeds farms ..	4 899	.9	Farms with net losses number ..	4 605	2.7
..... \$1,000 ..	118 833	.8	..... \$1,000 ..	93 562	2.3
Vegetables, sweet corn, and melons farms ..	529	1.3	Average net loss dollars ..	20 317	3.6
..... \$1,000 ..	97 751	.3	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Fruits, nuts, and berries farms ..	268	2.0	Government payments farms ..	6 309	.7
..... \$1,000 ..	14 399	2.0	..... \$1,000 ..	105 430	.4
Nursery and greenhouse crops farms ..	369	1.6	Other farm-related income ¹ farms ..	4 650	2.6
..... \$1,000 ..	119 321	.3	..... \$1,000 ..	41 793	3.7
Other crops farms ..	803	.9	Customwork and other agricultural services farms ..	2 037	4.3
..... \$1,000 ..	119 444	.3	..... \$1,000 ..	21 994	5.2
Livestock, poultry, and their products farms ..	10 664	.7	Gross cash rent or share payments farms ..	1 787	4.7
..... \$1,000 ..	3 055 577	.1	..... \$1,000 ..	14 866	6.4
Poultry and poultry products farms ..	240	2.1	Forest products and Christmas trees farms ..	96	17.2
..... \$1,000 ..	114 854	.1	..... \$1,000 ..	649	11.3
Dairy products farms ..	482	1.0	Other farm-related income sources farms ..	1 969	4.1
..... \$1,000 ..	166 081	.2	..... \$1,000 ..	4 284	5.1
Cattle and calves farms ..	9 767	.7	COMMODITY CREDIT CORPORATION LOANS		
..... \$1,000 ..	2 553 079	.1	Total farms ..	1 149	.8
Hogs and pigs farms ..	862	1.3	..... \$1,000 ..	38 634	.5
..... \$1,000 ..	77 379	.4			
Sheep, lambs, and wool farms ..	914	1.1			
..... \$1,000 ..	125 437	.1			
Other livestock and livestock products (see text) farms ..	1 193	1.1			
..... \$1,000 ..	18 748	1.6			
Value of agricultural products sold directly to individuals for human consumption (see text) farms ..	651	1.4			
..... \$1,000 ..	6 464	.9			

See footnotes at end of table.

[For meaning of abbreviations and symbols, see introductory text]

See footnotes at end of table.

Table D. **Reliability Estimates of State Totals for Farms With Sales of \$10,000 or More:
1992—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
POULTRY			CROPS HARVESTED—Con.		
Chickens 3 months old or older inventory -----farms --	619	1.5	Barley for grain -----farms --	980	.9
number--	4 227 492	.2	acres--	113 538	.7
Hens and pullets of laying age -----farms --	608	1.4	bushels--	8 846 038	.7
number--	3 774 591	(L)	Oats for grain -----farms --	490	1.5
Broilers and other meat-type chickens sold -----farms --	29	6.7	acres--	21 889	1.7
number--	(D)	(D)	bushels--	1 308 190	2.1
CROPS HARVESTED			Dry edible beans, excluding dry limas -----farms --	1 472	.9
Corn for grain or seed -----farms --	3 839	.8	acres--	149 656	.7
acres--	887 795	.4	cwt--	2 498 951	.6
bushels--	125 732 633	.4	Irish potatoes -----farms --	315	1.1
Corn for silage or green chop -----farms --	1 295	.8	acres--	70 022	.5
acres--	97 953	.6	cwt--	21 613 003	.4
tons, green--	2 087 490	.7	Hay—alfalfa, other tame, small grain, wild, grass		
Sorghum for grain or seed -----farms --	655	1.2	silage, green chop, etc. (see text) -----farms --	8 087	.8
acres--	159 338	.9	acres--	1 287 866	.6
bushels--	6 196 446	.9	tons, dry--	3 216 805	.7
Wheat for grain -----farms --	4 912	.7	Alfalfa hay -----farms --	5 908	.8
acres--	2 331 502	.3	acres--	699 611	.8
bushels--	70 780 722	.3	tons, dry--	2 317 131	.7
			Vegetables harvested for sale (see text) -----farms --	529	1.3
			acres--	43 900	.5
			Land in orchards -----farms --	304	1.9
			acres--	7 665	2.6

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table E. Reliability Estimates of Percent Change in State Totals: 1987 to 1992

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Percent change from 1987 to 1992	Standard error of estimate	Percent change from 1987 to 1992	Standard error of estimate
Farms..... number..	-.5	.9	.4	.9
Land in farms..... acres..	-.2	.3	.3	.2
Average size of farm..... acres..	.3	1.0	-	.9
Estimated market value of land and buildings ¹ :				
Average per farm..... dollars..	16.9	2.3	14.9	2.5
Average per acre..... dollars..	15.4	2.3	15.4	2.6
Estimated market value of all machinery and equipment ¹ :				
Average per farm..... dollars..	10.8	2.0	10.9	2.1
Farms by size:				
1 to 9 acres.....	-11.0	1.4	-13.0	1.7
10 to 49 acres.....	11.8	1.7	30.8	2.3
50 to 179 acres.....	5.1	1.4	19.2	1.8
180 to 499 acres.....	-5.5	1.2	-3.7	1.4
500 to 999 acres.....	-5.0	1.2	-5.6	1.3
1,000 to 1,999 acres.....	-6.1	1.2	-7.3	1.2
2,000 acres or more.....	.2	(L)	.3	(L)
Total cropland..... farms..	-2.0	.9	-1.4	.9
Harvested cropland..... acres..	-.5	.5	.1	.5
Irrigated land..... farms..	-4.5	.9	-3.0	.9
..... acres..	.2	.5	1.1	.5
Market value of agricultural products sold..... \$1,000..	30.9	.2	31.3	.2
Average per farm..... dollars..	31.6	1.3	30.8	1.2
Crops, including nursery and greenhouse crops..... \$1,000..	32.5	.5	33.2	.5
Livestock, poultry, and their products..... \$1,000..	30.4	.1	30.7	.1
Farms by value of sales:				
Less than \$2,500.....	-3.7	1.1	(X)	(X)
\$2,500 to \$4,999.....	2.1	1.6	(X)	(X)
\$5,000 to \$9,999.....	-1	1.4	(X)	(X)
\$10,000 to \$24,999.....	.1	1.4	.1	1.4
\$25,000 to \$49,999.....	-5.5	1.3	-5.5	1.3
\$50,000 to \$99,999.....	-8.1	1.0	-8.1	1.0
\$100,000 to \$249,999.....	5.5	.7	5.5	.7
\$250,000 to \$499,999.....	11.6	-	11.6	-
\$500,000 or more.....	32.1	-	32.1	-
Total farm production expenses ¹ \$1,000..	32.2	1.2	33.2	1.2
Average per farm..... dollars..	32.8	1.5	31.9	1.4
Net cash return from agricultural sales for the farm unit (see text) ¹ farms..	-.5	1.1	.9	1.0
..... \$1,000..	22.2	2.2	20.1	2.0
Average per farm..... dollars..	22.7	2.6	19.0	2.3
Operators by principal occupation:				
Farming.....	-2.0	.8	-2.5	.8
Other.....	1.8	1.3	12.7	1.5
Operators by days worked off farm:				
Any.....	-2.0	5.0	1.1	5.2
200 days or more.....	.5	5.1	9.7	5.6
Livestock and poultry:				
Cattle and calves inventory..... farms..	1.1	.9	2.2	.8
..... number..	4.8	.3	5.0	.3
Beef cows..... farms..	4.2	1.0	6.3	.9
..... number..	8.4	.5	9.3	.5
Milk cows..... farms..	-32.2	.8	-28.9	.8
..... number..	7.3	.3	8.0	.3
Cattle and calves sold..... farms..	-.9	.9	.5	.8
..... number..	2.7	.1	2.9	.1
Hogs and pigs inventory..... farms..	-2.5	1.4	-14.8	1.3
..... number..	79.5	1.2	82.1	1.2
Hogs and pigs sold..... farms..	-3.8	1.4	-15.3	1.3
..... number..	90.8	1.1	92.8	1.2
Sheep and lambs inventory..... farms..	-3.5	1.3	-9.8	1.3
..... number..	3.1	.3	2.7	.3
Chickens 3 months old or older inventory..... farms..	-34.8	1.0	-41.3	1.0
..... number..	36.5	.3	37.3	.3
Broilers and other meat-type chickens sold..... farms..	-33.9	3.3	-29.3	5.4
..... number..	(D)	(D)	(D)	(D)
Selected crops harvested:				
Corn for grain or seed..... farms..	-5.3	.9	-3.2	.9
..... acres..	30.1	.7	30.8	.7
..... bushels..	27.5	.6	27.9	.6
Corn for silage or green chop..... farms..	-12.1	.8	-10.3	.8
..... acres..	-1.9	.7	-1.4	.7
..... tons, green..	.1	.7	.4	.7
Sorghum for grain or seed..... farms..	-31.8	1.0	-30.0	1.1
..... acres..	-14.0	1.0	-14.0	1.0
..... bushels..	-14.3	1.0	-13.8	1.0
Wheat for grain..... farms..	-20.0	.7	-16.8	.7
..... acres..	-1.5	.4	-1.4	.4
..... bushels..	-12.0	.4	-11.1	.4
Barley for grain..... farms..	-56.2	.5	-55.9	.5
..... acres..	-43.3	.4	-42.9	.4
..... bushels..	-27.9	.6	-27.8	.6
Dry edible beans, excluding dry limas..... farms..	-9.2	1.0	-8.5	1.0
..... acres..	-11.0	.8	-10.2	.8
..... cwt..	-.5	.8	-.2	.8
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms..	-2.8	.9	-2.0	.9
..... acres..	1.8	.7	2.7	.7
..... tons, dry..	12.2	.9	14.0	.9

¹Data are based on a sample of farms.

Table F. Reliability Estimates for the State and County Totals: 1992

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm ¹		Estimated market value of all machinery and equipment ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Colorado -----	27 152	.8	33 983 029	.2	1 252	.8	536 510	1.5	1 485 320	1.1
Adams -----	657	.8	685 813	.5	1 044	1.0	527 670	6.3	38 339	5.1
Alamosa -----	303	.8	207 448	.8	685	1.2	536 917	4.6	24 825	6.7
Arapahoe -----	269	.7	322 823	.7	1 200	1.0	575 130	11.1	11 211	8.5
Archuleta -----	160	1.8	155 465	1.1	972	2.1	851 711	8.8	4 491	7.3
Baca -----	562	1.4	1 257 229	.6	2 237	1.5	442 235	5.8	38 130	6.7
Bent -----	268	1.0	796 892	.3	2 973	1.1	407 335	5.8	13 857	10.3
Boulder -----	746	.9	157 493	1.3	211	1.6	649 779	6.4	24 531	9.8
Chaffee -----	157	.8	84 172	1.5	536	1.6	533 192	8.1	5 813	7.2
Cheyenne -----	305	.7	914 094	.3	2 997	.7	694 922	13.5	24 119	8.6
Clear Creek -----	14	3.3	7 129	11.0	509	11.5	716 424	12.6	(D)	(D)
Conejos -----	452	1.4	304 592	1.0	674	1.7	326 378	15.5	21 007	9.5
Costilla -----	185	1.3	330 826	.3	1 788	1.3	640 485	2.6	10 274	2.5
Crowley -----	204	.8	423 785	.5	2 077	.9	357 794	3.7	8 437	4.6
Custer -----	131	.8	156 801	.8	1 197	1.1	690 076	7.4	3 531	8.1
Delta -----	943	.8	260 728	1.2	276	1.4	253 550	5.0	29 033	4.7
Denver -----	16	1.3	(D)	(D)	(D)	(D)	579 692	10.8	844	10.5
Dolores -----	132	1.2	167 106	1.1	1 266	1.6	502 275	12.7	6 620	7.7
Douglas -----	522	.9	231 364	1.1	443	1.5	762 130	11.3	10 993	15.7
Eagle -----	134	1.2	213 004	.8	1 590	1.4	1 540 120	3.9	5 658	3.6
Elbert -----	717	.7	1 105 614	.4	1 542	.8	509 596	7.8	22 846	9.3
El Paso -----	721	.9	857 404	.4	1 189	1.0	392 085	6.5	16 595	6.6
Fremont -----	467	.9	331 639	.6	710	1.1	329 818	10.0	8 072	6.5
Garfield -----	448	.9	440 581	.5	983	1.0	750 786	14.9	16 278	8.1
Gilpin -----	14	1.1	13 296	.7	950	1.3	(D)	(D)	355	7.1
Grand -----	149	1.3	299 142	.8	2 008	1.5	1 103 477	6.2	6 525	6.6
Gunnison -----	173	.8	177 333	.8	1 025	1.1	771 828	5.4	6 439	7.0
Hinsdale -----	16	1.2	9 021	3.0	564	3.2	666 743	7.7	443	3.8
Huerfano -----	253	1.3	641 755	.4	2 537	1.3	715 310	15.2	6 053	13.6
Jackson -----	126	.8	472 018	.3	3 746	.9	1 430 958	6.5	10 822	5.1
Jefferson -----	419	1.0	103 470	1.9	247	2.2	611 444	13.1	8 786	6.3
Kiowa -----	309	.8	878 447	.3	2 843	.9	556 407	5.9	18 731	8.6
Kit Carson -----	718	.6	1 341 738	.4	1 869	.7	620 203	4.0	75 738	4.1
Lake -----	18	1.4	14 411	1.1	801	1.8	489 027	5.9	314	4.2
La Plata -----	709	1.0	587 339	.6	828	1.1	540 837	7.2	23 678	11.9
Larimer -----	1 233	.8	540 412	.6	438	1.0	477 871	4.0	44 983	5.6
Las Animas -----	490	1.1	2 286 947	.2	4 667	1.1	543 103	3.2	15 332	8.2
Lincoln -----	447	.5	1 660 146	.2	3 714	.5	681 322	3.5	30 928	6.6
Logan -----	897	.8	1 066 453	.5	1 189	1.0	346 754	4.3	61 510	5.0
Mesa -----	1 325	1.0	420 233	.7	317	1.2	301 152	5.0	34 925	8.5
Mineral -----	17	.9	15 539	1.2	914	1.5	760 773	5.3	320	4.1
Moffat -----	350	1.1	1 159 813	.2	3 314	1.1	821 493	16.2	13 995	8.6
Montezuma -----	661	1.2	834 018	.5	1 262	1.3	498 817	15.7	21 773	9.8
Montrose -----	812	.9	447 412	.6	551	1.1	478 934	8.8	33 210	4.0
Morgan -----	836	.9	751 517	.5	899	1.0	439 115	3.4	72 875	4.4
Otero -----	509	1.0	633 279	.4	1 244	1.0	381 868	7.5	27 570	8.9
Ouray -----	76	.9	119 287	.6	1 570	1.0	1 784 687	3.5	2 762	3.1
Park -----	166	.7	388 902	.4	2 343	.8	1 005 373	8.3	3 963	10.2
Phillips -----	375	.6	459 659	.6	1 226	.8	600 422	6.1	36 908	6.2
Pitkin -----	71	1.0	32 072	3.3	452	3.4	822 461	5.6	3 287	5.0
Prowers -----	530	1.1	1 004 360	.4	1 895	1.2	564 767	5.5	41 142	5.1
Pueblo -----	617	.9	896 994	.4	1 454	1.0	417 972	9.3	19 288	6.4
Rio Blanco -----	240	.8	546 538	.4	2 277	.9	879 735	12.3	10 430	9.4
Rio Grande -----	339	.6	219 612	.7	648	1.0	555 198	4.1	35 407	3.1
Routt -----	438	1.0	576 397	.6	1 316	1.2	705 228	14.8	17 771	9.9
Saguache -----	250	.7	462 086	.4	1 848	.8	805 971	6.0	28 701	5.0
San Juan -----	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
San Miguel -----	97	1.3	200 674	.6	2 069	1.4	1 425 787	3.7	3 583	2.5
Sedgwick -----	230	.6	310 394	.7	1 350	.9	582 101	6.2	23 273	6.0
Summit -----	22	.7	38 467	.2	1 749	.7	996 262	4.3	1 203	1.5
Teller -----	81	1.2	104 010	1.0	1 284	1.6	665 997	4.5	1 455	4.0
Washington -----	784	.7	1 333 577	.4	1 701	.8	458 025	3.7	56 002	3.8
Weld -----	2 909	.7	2 086 292	.3	717	.7	469 759	2.3	242 145	2.8
Yuma -----	932	.6	1 433 111	.4	1 538	.8	654 551	5.0	96 954	2.6
Geographic area	Average market value of all machinery and equipment per farm ¹		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹			
	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total farm production expenses			
							Farms		Value	
							Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Colorado -----	54 868	1.4	4 115 552	.1	151 575	.8	27 154	.9	3 569 175	.2
Adams -----	58 267	5.3	85 408	.3	129 997	.9	658	1.1	66 713	1.5
Alamosa -----	81 930	6.8	45 322	.4	149 577	.9	303	1.0	33 748	3.9
Arapahoe -----	43 117	9.0	14 950	.7	55 577	1.0	269	1.0	14 300	6.0
Archuleta -----	28 246	7.7	6 808	2.2	42 551	2.8	159	2.5	5 435	5.1

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Average market value of all machinery and equipment per farm ¹		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹					
	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total farm production expenses					
							Farms		Value			
							Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)		
Baca -----	67 846	7.0	51 341	.6	91 355	1.6	562	2.0	44 478	3.1		
Bent -----	51 707	10.4	52 037	.4	194 167	1.1	268	1.5	42 320	2.8		
Boulder -----	33 149	9.9	67 440	.4	90 402	1.0	746	1.1	57 980	2.8		
Chaffee -----	36 792	7.5	3 849	1.4	24 514	1.6	158	2.1	3 655	3.5		
Cheyenne -----	79 078	8.6	37 762	.4	123 811	.8	305	.8	30 895	2.6		
Clear Creek -----	(D)	(D)	26	6.1	1 866	6.9	14	9.7	(D)	(D)		
Conejos -----	46 578	9.6	22 859	1.1	50 573	1.8	451	1.8	14 993	5.7		
Costilla -----	58 048	4.0	13 693	1.0	74 015	1.6	185	1.8	12 118	2.6		
Crowley -----	41 767	5.0	94 601	.2	463 728	.8	204	1.6	85 626	.7		
Custer -----	26 953	8.3	4 396	1.7	33 560	1.9	131	2.0	3 701	8.4		
Delta -----	30 952	4.9	44 593	.7	47 288	1.1	944	1.0	37 993	3.3		
Denver -----	52 775	12.3	1 893	.8	118 305	1.5	16	6.4	1 333	.8		
Dolores -----	50 150	8.1	6 944	1.3	52 606	1.8	132	2.4	4 845	6.7		
Douglas -----	21 100	15.7	10 816	1.5	20 719	1.7	521	1.2	13 249	8.6		
Eagle -----	42 861	4.2	7 394	1.3	55 179	1.8	135	1.7	5 599	3.0		
Elbert -----	31 820	9.3	33 501	.7	46 723	1.0	718	.9	29 949	5.4		
El Paso -----	22 985	6.7	26 396	.6	36 611	1.1	722	1.2	21 891	3.3		
Fremont -----	17 322	6.6	13 444	.6	28 787	1.1	466	1.2	12 608	3.8		
Garfield -----	36 334	8.2	15 801	1.0	35 270	1.4	448	1.2	14 545	3.1		
Gilpin -----	25 336	9.4	136	1.0	9 710	1.5	14	6.2	142	3.5		
Grand -----	43 499	6.9	9 508	.9	63 812	1.6	150	2.2	8 393	4.2		
Gunnison -----	37 222	7.2	8 829	.9	51 036	1.2	173	1.8	7 335	3.2		
Hinsdale -----	27 709	6.6	594	7.5	37 143	7.5	16	5.3	450	7.4		
Huerfano -----	23 925	13.7	8 060	1.3	31 859	1.8	253	1.6	6 158	6.0		
Jackson -----	87 271	5.7	18 631	.5	147 866	.9	127	1.9	17 253	3.1		
Jefferson -----	20 920	6.4	20 590	.7	49 141	1.2	420	1.2	17 945	3.2		
Kiowa -----	60 618	8.7	25 697	.3	83 163	.9	309	1.3	20 848	3.4		
Kit Carson -----	105 485	4.2	173 478	.2	241 612	.7	718	.7	148 500	1.1		
Lake -----	17 464	7.0	725	1.1	40 286	1.8	18	5.6	660	2.3		
La Plata -----	33 777	12.0	14 248	1.5	20 096	1.7	709	1.2	13 969	7.3		
Larimer -----	36 513	5.6	95 719	.4	77 631	.9	1 232	1.0	77 822	1.1		
Las Animas -----	31 290	8.3	26 201	.5	53 472	1.2	490	1.3	19 850	2.0		
Lincoln -----	69 035	6.6	53 629	.3	119 975	.6	448	.7	45 587	3.0		
Logan -----	68 573	5.1	271 545	.2	302 726	.8	897	1.0	245 174	.5		
Mesa -----	26 619	8.6	45 604	.8	34 418	1.2	1 324	1.0	39 984	3.0		
Mineral -----	18 821	5.8	(D)	(D)	(D)	(D)	17	4.0	265	2.8		
Moffat -----	39 986	8.8	16 644	.4	47 553	1.2	350	1.8	14 459	3.3		
Montezuma -----	33 190	9.9	14 771	2.0	22 346	2.3	661	1.3	12 922	6.3		
Montrose -----	41 203	4.2	55 021	.5	67 760	1.1	813	1.0	46 472	2.9		
Morgan -----	87 171	4.5	346 425	.1	414 384	.9	836	.9	306 225	.4		
Otero -----	54 273	9.0	102 436	.3	201 249	1.0	508	1.0	84 607	1.2		
Ouray -----	38 361	4.6	2 984	1.7	39 261	1.9	76	3.4	2 913	2.0		
Park -----	24 016	10.3	6 113	1.4	36 825	1.6	165	1.6	4 855	5.6		
Phillips -----	98 422	6.3	82 574	.3	220 198	.7	375	.8	68 740	2.5		
Pitkin -----	46 289	6.4	2 173	2.8	30 613	3.0	71	4.0	2 166	3.0		
Prowers -----	77 626	5.3	167 239	.2	315 545	1.1	530	1.4	141 920	.7		
Pueblo -----	31 776	6.6	35 807	.6	58 034	1.1	616	1.1	31 268	5.4		
Rio Blanco -----	43 459	9.5	15 007	.6	62 528	1.0	240	1.3	13 604	4.5		
Rio Grande -----	104 445	3.3	43 444	.4	128 155	.7	339	.9	32 308	2.3		
Routt -----	40 573	10.1	26 365	.6	60 194	1.2	438	1.8	22 393	3.7		
Saguache -----	115 263	5.0	47 358	.5	189 431	.9	249	.8	36 615	2.2		
San Juan -----	(D)	(D)	(D)	(D)	(D)	(D)	1	—	(D)	(D)		
San Miguel -----	36 940	4.1	4 388	1.1	45 242	1.7	97	3.2	3 989	1.5		
Sedgwick -----	101 187	6.1	38 166	.6	165 941	.8	230	1.1	32 754	4.1		
Summit -----	54 661	4.1	822	.3	37 342	.8	22	3.9	804	.8		
Teller -----	17 967	5.5	1 131	3.4	13 968	3.6	81	3.7	1 097	3.2		
Washington -----	71 431	3.9	90 862	.3	115 895	.8	784	.8	76 022	1.5		
Weld -----	83 211	2.9	1 180 067	.1	405 661	.7	2 910	.8	1 054 982	.2		
Yuma -----	104 140	2.8	401 054	.1	430 316	.7	932	.9	349 653	.4		
Geographic area	Farm production expenses ¹ —Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Colorado -----	9 868	1.9	1 576 251	.2	16 574	1.3	643 202	.3	10 564	1.6	62 380	1.0
Adams -----	229	11.8	8 055	4.5	349	8.0	7 955	5.9	285	7.7	3 007	4.8
Alamosa -----	73	28.2	2 018	10.9	193	10.2	523	21.0	90	19.3	1 744	8.0
Arapahoe -----	83	22.0	1 410	11.3	160	12.3	1 076	15.9	91	17.3	2 358	4.3
Archuleta -----	68	10.6	2 303	8.4	115	6.0	636	11.9	19	25.1	8	18.3
Baca -----	192	11.6	11 662	4.5	317	7.4	4 960	6.5	364	7.3	1 195	6.4
Bent -----	102	14.2	20 102	3.8	179	5.0	9 261	3.8	105	11.7	265	6.9
Boulder -----	232	12.5	13 507	2.2	484	6.1	16 417	1.6	179	15.0	1 086	16.4
Chaffee -----	58	10.1	204	9.8	118	4.6	414	7.4	41	10.0	108	3.3
Cheyenne -----	119	15.5	9 722	5.0	189	9.6	4 749	3.1	138	12.4	504	6.8

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-15

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS:1 * 5/25/94 07:38:00 TAPE: N0reel FRAME: 9
TSF:TIPS92-07390527.DAT:1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT:1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT:4 5/25/94 07:40:19

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Clear Creek	4	17.2	2	10.2	6	13.1	(D)	(D)	—	—	—	—
Conejos	111	19.4	893	17.5	236	11.7	1 089	14.4	100	22.5	449	6.7
Costilla	41	11.7	569	10.3	86	9.9	244	13.1	57	11.9	506	5.9
Crowley	89	9.7	(D)	(D)	138	6.1	20 251	.4	79	10.8	149	13.7
Custer	54	14.4	838	9.2	84	10.3	288	17.7	9	50.7	7	74.0
Delta	321	10.7	8 285	3.2	538	6.9	5 650	2.2	307	10.2	547	10.0
Denver	1	38.7	(D)	(D)	2	27.0	(D)	(D)	7	7.7	(D)	(D)
Dolores	20	25.8	1 423	3.5	38	19.0	253	17.2	67	11.9	63	21.8
Douglas	216	15.7	3 056	31.1	373	7.1	1 730	19.8	61	30.3	184	14.7
Eagle	59	10.0	908	3.7	92	4.7	591	14.4	19	21.6	16	13.0
Elbert	371	8.2	10 455	11.1	601	4.0	4 631	12.0	174	12.7	201	20.4
El Paso	326	9.7	3 492	12.6	576	4.8	3 870	5.8	147	12.8	616	4.5
Fremont	169	14.0	1 918	14.9	283	8.6	3 007	3.9	64	25.7	174	5.6
Garfield	196	12.4	2 111	8.8	298	7.6	1 838	8.0	130	16.2	103	15.0
Gilpin	5	—	33	—	8	8.2	20	3.5	1	—	(D)	(D)
Grand	64	8.7	1 840	8.7	118	4.8	907	6.9	21	20.9	20	9.4
Gunnison	76	8.1	1 048	8.8	120	4.9	1 473	7.2	12	28.6	10	29.6
Hinsdale	7	7.9	109	5.1	11	6.2	74	11.0	4	9.0	(D)	(D)
Huerfano	99	18.7	1 319	10.9	192	8.0	1 340	9.5	48	28.6	40	34.2
Jackson	74	9.2	4 967	5.9	97	6.5	3 067	5.2	7	37.1	4	31.0
Jefferson	90	22.3	480	36.3	203	12.9	799	12.0	67	19.8	1 400	.6
Kiowa	110	17.7	3 295	13.5	168	11.7	2 105	15.8	175	11.4	611	9.1
Kit Carson	247	9.3	62 986	2.1	391	7.4	23 860	2.0	495	5.9	3 100	4.5
Lake	6	10.5	(D)	(D)	13	6.9	48	4.0	—	—	—	—
La Plata	207	13.4	1 969	12.3	459	6.5	1 309	16.0	112	20.4	111	31.1
Larimer	502	8.0	23 019	1.9	858	4.5	16 329	3.3	299	9.2	1 759	5.9
Las Animas	188	11.5	4 641	3.8	381	5.3	3 789	2.9	101	21.6	119	13.5
Lincoln	231	10.2	18 550	4.8	348	5.4	5 155	6.0	194	11.7	430	8.7
Logan	357	9.2	152 697	.7	561	5.6	42 069	1.1	577	5.7	2 435	6.5
Mesa	301	10.2	4 108	5.4	660	5.3	7 311	5.0	358	8.8	953	7.1
Mineral	7	7.8	(D)	(D)	7	7.8	11	4.4	—	—	—	—
Moffat	134	15.9	3 094	8.2	232	8.4	1 872	5.9	72	22.1	81	34.2
Montezuma	139	19.3	1 196	29.8	409	7.3	1 170	16.1	194	15.8	225	19.1
Montrose	348	8.7	10 653	5.0	445	6.3	8 027	1.5	318	8.3	821	6.1
Morgan	374	9.0	155 823	.6	522	6.5	63 674	.7	534	5.1	3 285	3.9
Otero	224	11.4	43 550	1.4	312	7.4	17 248	2.0	267	5.9	845	11.7
Ouray	25	4.4	439	3.0	49	3.9	397	2.2	11	8.8	21	16.1
Park	64	10.4	2 210	9.1	131	4.6	689	5.9	9	36.4	7	35.9
Phillips	84	24.0	21 901	3.1	155	15.5	9 847	.9	303	6.7	2 539	6.7
Pitkin	26	5.7	673	4.5	47	4.8	179	6.1	11	9.7	6	6.4
Prowers	143	18.9	77 173	.3	228	10.9	33 569	.5	317	7.1	1 157	8.3
Pueblo	211	13.0	8 602	4.7	398	5.7	4 115	2.6	232	10.4	609	7.6
Rio Blanco	82	15.6	3 452	5.6	163	10.9	1 690	10.6	25	24.0	68	53.1
Rio Grande	95	12.8	498	18.0	178	10.2	748	25.1	146	10.3	2 326	3.9
Routt	141	14.2	9 405	3.2	271	9.4	2 687	10.8	53	30.4	100	37.3
Saguache	66	21.6	2 237	8.4	119	12.7	1 724	14.4	102	14.9	1 974	3.1
San Juan	1	—	(D)	(D)	—	—	—	—	—	—	—	—
San Miguel	38	4.7	1 122	.9	68	3.7	522	4.9	29	5.5	27	1.2
Sedgwick	63	19.2	7 915	3.7	101	14.4	4 295	2.2	181	6.9	1 428	10.5
Summit	9	3.6	91	.2	14	4.2	183	2.1	6	5.3	13	.1
Teller	33	5.2	272	3.1	57	4.2	196	3.5	9	10.3	4	11.8
Washington	327	9.1	27 644	2.6	463	6.6	8 474	4.1	464	7.2	1 571	6.1
Weld	1 185	4.5	564 982	.1	1 602	3.0	233 303	.5	1 672	2.9	13 580	1.4
Yuma	351	7.7	192 847	.5	560	5.4	49 479	.8	605	4.2	6 934	3.0
Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Colorado	12 076	1.5	93 985	1.2	13 050	1.5	57 644	1.8	25 478	.9	115 815	.9
Adams	310	8.4	2 604	10.3	362	6.5	1 822	7.2	610	2.6	4 454	3.5
Alamosa	111	17.1	2 646	9.1	113	16.8	1 115	14.3	298	1.0	1 709	7.5
Arapahoe	96	17.8	262	10.8	99	16.1	372	23.3	228	6.1	1 095	11.9
Archuleta	28	17.8	45	21.7	47	13.9	50	5.2	142	4.6	340	11.1
Baca	288	9.4	2 461	6.6	327	8.0	1 656	7.8	529	3.2	3 368	6.1
Bent	113	13.2	487	10.7	90	21.4	293	12.3	253	3.1	1 387	11.8
Boulder	333	9.6	891	23.6	282	10.9	546	28.3	652	3.3	1 367	8.6
Chaffee	67	8.8	109	9.8	29	15.9	20	30.5	148	2.7	374	4.6
Cheyenne	139	12.6	1 298	10.1	98	17.2	744	13.7	293	2.5	1 759	8.1
Clear Creek	4	15.7	4	16.6	2	21.7	(D)	(D)	9	10.3	7	5.7
Conejos	129	17.4	977	7.5	115	19.8	531	3.5	434	2.8	1 419	9.0
Costilla	69	11.2	987	3.2	41	12.7	488	4.5	181	2.7	857	5.0
Crowley	64	11.9	257	12.5	94	9.4	209	17.2	195	2.1	(D)	(D)
Custer	60	11.4	214	14.4	33	21.9	65	33.5	120	4.3	271	8.1

See footnotes at end of table.

C-16 APPENDIX C

1992 CENSUS OF AGRICULTURE

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE:EPCV21 DATA:VOL1_TIPS_APX_84.TIPS:1 * 5/25/94 07:38:00 TAPE:N0reel FRAME: 10
TSF:TIPS92-07390527.DAT:1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT:1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT:4 5/25/94 07:40:19

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Delta -----	506	6.4	1 503	12.6	511	6.5	1 228	11.7	878	2.3	1 776	5.2
Denver -----	10	7.7	13	5.6	13	6.7	9	15.1	12	7.9	32	3.4
Dolores -----	31	20.2	120	38.7	57	12.7	149	27.9	131	2.4	441	8.6
Douglas -----	71	25.9	79	31.4	215	12.7	400	53.0	468	3.5	730	10.8
Eagle -----	48	10.9	124	9.6	68	7.9	67	10.6	126	2.6	313	4.0
Elbert -----	98	17.9	311	8.7	288	10.4	496	10.8	687	1.9	1 714	8.5
El Paso -----	114	17.5	395	17.3	195	14.5	163	15.7	613	3.7	1 581	5.2
Fremont -----	145	14.4	194	15.3	192	13.3	88	14.5	416	3.9	661	7.0
Garfield -----	154	13.9	287	10.4	206	11.4	101	13.0	430	2.8	1 073	5.7
Gilpin -----	2	—	(D)	(D)	3	10.8	(D)	(D)	10	6.5	6	5.7
Grand -----	28	18.4	217	16.7	47	13.8	56	11.8	142	2.8	400	4.9
Gunnison -----	36	13.8	142	7.8	39	13.2	7	20.8	158	2.7	485	6.2
Hinsdale -----	6	8.8	44	14.8	6	8.8	1	7.6	15	5.1	35	7.3
Huerfano -----	52	27.5	174	22.4	76	21.8	90	24.3	237	4.1	530	16.9
Jackson -----	50	10.0	380	8.7	26	20.3	54	23.1	121	2.5	860	5.0
Jefferson -----	89	14.5	128	5.5	109	17.2	110	17.7	349	6.1	1 635	3.1
Kiowa -----	105	17.3	1 113	14.1	143	13.5	983	17.7	300	2.5	1 828	7.0
Kit Carson -----	469	6.3	6 384	5.7	436	6.2	3 504	6.1	674	2.6	6 435	3.4
Lake -----	4	11.0	3	14.1	2	—	(D)	(D)	16	5.6	22	7.0
La Plata -----	318	8.9	836	13.6	304	10.4	499	23.9	667	2.4	1 202	11.8
Larimer -----	484	7.7	1 895	5.5	575	6.5	1 101	13.2	1 165	2.0	3 178	4.8
Las Animas -----	108	18.3	248	14.6	83	21.6	102	7.6	480	2.2	1 326	5.6
Lincoln -----	163	12.8	1 345	8.2	187	11.6	895	8.1	433	1.7	2 381	7.8
Logan -----	482	6.2	3 941	8.7	519	5.5	2 442	9.0	843	2.1	4 715	4.1
Mesa -----	795	4.8	1 444	10.6	796	4.6	845	5.9	1 236	1.9	2 224	6.5
Mineral -----	2	—	(D)	(D)	—	—	—	—	16	4.3	19	.8
Moffat -----	96	16.1	263	12.0	151	13.6	205	13.4	344	2.7	989	9.2
Montezuma -----	321	9.4	1 034	12.1	258	9.9	316	24.6	616	2.2	1 074	9.6
Montrose -----	500	5.9	1 798	8.2	463	6.1	912	10.7	756	1.8	2 264	5.7
Morgan -----	502	4.9	6 032	3.4	498	4.1	3 573	14.1	809	2.0	6 153	2.7
Otero -----	271	6.0	1 169	9.2	318	6.2	1 188	17.6	483	2.3	2 292	6.9
Ouray -----	37	4.5	110	2.1	14	5.4	30	.8	68	3.5	222	2.7
Park -----	17	23.4	56	15.3	30	16.3	36	26.0	149	2.8	258	8.0
Phillips -----	299	7.0	4 626	6.2	242	9.7	2 717	9.8	362	2.6	2 519	4.8
Pitkin -----	26	6.0	56	7.1	25	6.3	12	6.3	61	4.3	126	4.2
Prowers -----	241	9.8	1 730	7.0	306	7.6	1 531	7.7	497	2.9	3 665	4.6
Pueblo -----	244	10.5	1 025	18.1	331	7.6	869	32.8	585	2.6	1 533	7.4
Rio Blanco -----	134	14.3	508	19.6	105	17.6	187	29.4	229	4.9	925	7.6
Rio Grande -----	170	9.8	3 802	4.7	197	8.3	1 907	1.8	338	.9	1 866	2.7
Routt -----	91	20.0	317	28.5	133	18.6	168	21.4	405	3.4	1 010	7.6
Saguache -----	112	13.0	3 744	3.6	103	15.4	1 833	4.4	233	2.2	1 728	3.7
San Juan -----	1	—	(D)	(D)	—	—	—	—	1	—	(D)	(D)
San Miguel -----	42	4.4	148	1.1	30	4.8	34	7.4	94	3.3	275	2.0
Sedgwick -----	179	7.4	2 184	8.5	148	8.7	1 256	9.5	222	2.7	1 704	5.8
Summit -----	6	5.3	19	.6	6	5.3	(D)	(D)	21	3.6	55	1.3
Teller -----	15	7.8	18	11.4	28	6.3	19	12.7	72	3.8	109	4.2
Washington -----	380	8.6	3 185	7.3	400	6.9	2 392	7.2	766	1.4	4 329	4.4
Weld -----	1 547	3.1	13 880	2.8	1 855	2.9	10 523	2.5	2 744	1.3	20 101	1.3
Yuma -----	664	3.7	13 710	2.2	581	4.0	6 623	4.0	908	1.3	7 771	3.1
Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Colorado -----	18 662	1.2	58 473	1.1	9 137	1.8	209 675	.7	4 835	2.8	26 105	2.9
Adams -----	464	5.0	1 399	3.9	207	10.7	13 359	4.6	129	16.6	1 320	5.7
Alamosa -----	183	12.8	2 032	2.7	137	15.6	5 967	4.0	15	—	460	—
Arapahoe -----	185	8.5	290	13.2	69	22.3	1 615	2.2	56	27.9	79	54.9
Archuleta -----	70	9.1	55	14.9	69	8.1	319	5.4	9	41.0	19	25.0
Baca -----	482	5.0	1 150	11.5	244	12.4	2 006	6.0	99	20.7	395	13.9
Bent -----	196	7.8	358	8.2	114	10.6	2 102	5.2	72	25.9	290	21.6
Boulder -----	418	7.6	827	4.9	242	11.3	7 258	2.4	134	19.1	888	42.8
Chaffee -----	101	5.5	99	16.0	56	9.5	526	4.3	27	17.1	32	8.4
Cheyenne -----	244	6.2	849	14.8	90	15.9	961	5.4	68	13.8	450	22.7
Clear Creek -----	5	18.6	2	29.3	4	19.7	6	29.7	—	—	—	—
Conejos -----	265	9.0	598	6.3	154	16.6	1 899	10.2	62	28.9	229	24.1
Costilla -----	103	8.2	775	4.8	74	9.8	1 831	2.2	36	17.1	(D)	(D)
Crowley -----	155	4.9	289	5.2	59	10.6	1 346	3.8	20	24.8	115	9.7
Custer -----	86	8.0	67	17.2	41	14.0	295	25.2	14	33.0	56	30.4
Delta -----	524	6.9	593	9.8	370	8.3	5 617	10.7	128	18.0	234	12.5
Denver -----	13	7.3	46	.9	9	7.3	405	.3	1	—	(D)	(D)
Dolores -----	63	11.0	73	46.7	29	16.7	376	23.8	29	23.0	69	29.0
Douglas -----	387	7.1	396	25.8	150	17.3	1 669	17.8	40	38.7	400	82.5
Eagle -----	70	7.9	57	4.3	48	11.7	495	6.5	26	17.5	63	17.2

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Elbert.....	559	4.6	396	5.8	180	13.7	1 239	17.8	125	17.6	422	19.8
El Paso.....	537	5.3	592	4.5	153	14.3	2 652	6.2	94	18.7	459	15.6
Fremont.....	211	11.1	578	2.8	103	18.7	1 824	4.7	62	26.8	218	12.0
Garfield.....	221	10.4	348	6.4	121	15.2	1 637	6.4	75	20.8	235	17.3
Gilpin.....	6	9.4	3	7.5	2	16.2	(D)	(D)	1	—	(D)	(D)
Grand.....	97	6.7	103	8.5	55	11.2	1 125	7.7	30	18.2	209	6.2
Gunnison.....	115	5.0	76	7.9	66	8.4	874	7.6	47	12.0	100	23.7
Hinsdale.....	11	6.0	4	5.6	8	8.5	24	9.8	5	7.2	6	1.8
Huerfano.....	128	14.4	109	15.3	66	22.5	369	8.8	35	35.9	98	32.7
Jackson.....	112	4.2	198	9.1	77	8.3	1 485	6.4	29	16.4	87	15.6
Jefferson.....	265	8.7	505	4.5	160	13.2	5 522	2.1	60	28.1	214	14.0
Kiowa.....	206	7.8	377	14.8	100	12.9	1 703	10.8	42	28.7	276	23.9
Kit Carson.....	517	5.0	3 321	6.5	257	9.3	4 994	8.5	104	17.6	527	4.7
Lake.....	12	6.5	4	12.4	5	8.8	6	1.8	3	14.7	2	16.7
La Plata.....	417	8.1	335	19.3	214	11.7	1 062	11.4	127	20.1	154	24.4
Larimer.....	849	4.2	1 136	3.8	301	10.3	7 388	3.2	207	13.5	517	11.9
Las Animas.....	320	8.0	311	6.6	160	14.2	1 857	3.0	103	18.7	135	16.5
Lincoln.....	350	4.6	373	7.0	174	13.0	1 738	10.7	95	18.5	412	33.5
Logan.....	686	4.4	2 113	6.3	277	10.3	5 185	2.8	226	11.8	714	15.8
Mesa.....	767	5.1	648	5.4	474	8.1	5 390	8.0	291	12.4	570	14.8
Mineral.....	12	4.7	6	13.5	2	—	(D)	(D)	4	9.7	6	17.9
Moffat.....	266	7.3	196	9.5	89	19.5	1 556	10.6	85	20.2	235	8.4
Montezuma.....	297	10.2	165	12.7	251	12.2	825	9.1	162	16.7	318	31.8
Montrose.....	374	7.5	845	22.3	267	10.1	4 281	2.1	149	15.8	929	36.9
Morgan.....	720	3.4	4 546	3.9	310	8.6	12 395	2.3	199	10.8	1 064	9.5
Otero.....	386	5.4	684	5.0	213	10.2	4 297	6.7	104	17.7	563	10.4
Ouray.....	44	4.1	54	3.7	30	3.9	252	4.5	16	6.1	76	1.9
Park.....	78	8.9	46	9.2	41	12.6	191	6.1	25	16.5	50	23.4
Phillips.....	306	6.0	2 289	6.4	184	12.4	3 616	7.2	69	28.6	506	35.7
Pitkin.....	47	4.8	59	5.1	36	5.4	259	3.8	13	8.9	19	5.8
Prowers.....	382	6.7	1 010	8.5	188	13.5	3 277	8.2	106	19.9	1 144	9.9
Pueblo.....	430	5.5	483	7.6	210	11.2	3 622	7.3	65	14.3	365	4.9
Rio Blanco.....	166	12.5	160	15.5	53	20.8	934	13.6	75	23.3	333	24.4
Rio Grande.....	306	4.4	2 218	5.0	140	11.3	4 447	2.1	123	14.7	850	5.0
Routt.....	303	8.6	220	10.4	118	14.2	1 540	14.3	70	29.3	161	29.5
Saguache.....	194	5.3	2 421	9.5	86	15.5	4 822	3.1	65	18.7	1 651	8.8
San Juan.....	—	—	—	—	—	—	—	—	1	—	(D)	(D)
San Miguel.....	53	4.2	31	3.2	32	4.3	328	.6	12	6.7	49	1.6
Sedgwick.....	188	6.5	1 091	9.4	107	12.5	2 040	4.0	47	25.0	103	15.0
Summit.....	18	3.3	28	.9	9	3.6	41	.1	5	5.8	13	2.6
Teller.....	51	4.6	23	5.2	17	7.2	62	9.9	10	8.3	7	7.8
Washington.....	598	5.4	1 827	5.6	235	11.9	3 584	3.8	115	19.9	587	9.9
Weld.....	2 295	2.4	8 422	1.5	1 080	4.5	55 886	.6	483	7.5	4 855	2.2
Yuma.....	748	3.9	10 164	2.9	320	7.9	7 276	2.2	106	13.0	796	5.4

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Colorado	22 628	1.0	134 816	1.0	10 198	1.8	52 486	2.1	13 513	1.5	165 509	1.1
Adams.....	513	4.8	4 267	5.2	320	8.1	2 894	8.1	262	9.0	4 386	5.1
Alamosa.....	260	6.0	2 661	5.0	157	14.9	1 181	17.3	149	14.4	2 602	17.7
Arapahoe.....	184	9.2	1 048	14.8	88	19.8	656	29.1	154	11.9	1 616	18.1
Archuleta.....	120	6.1	261	8.0	24	18.7	39	17.4	61	12.4	216	10.2
Baca.....	492	4.8	3 593	9.1	211	13.4	1 499	11.6	342	8.7	3 955	7.3
Bent.....	224	6.9	1 291	12.0	105	17.8	346	9.9	125	11.3	1 609	7.8
Boulder.....	594	4.3	2 392	5.3	290	11.0	665	16.9	242	12.6	2 313	14.5
Chaffee.....	129	3.9	352	5.6	24	20.8	22	26.1	62	9.3	278	9.8
Cheyenne.....	263	5.6	2 029	8.2	121	14.4	1 523	14.9	183	10.1	2 417	9.0
Clear Creek.....	12	10.5	13	8.0	1	—	(D)	(D)	3	21.0	1	20.3
Conejos.....	323	7.3	1 271	18.6	149	18.4	330	17.2	216	12.1	1 262	11.5
Costilla.....	150	5.1	768	4.3	72	11.3	(D)	(D)	99	7.1	783	7.6
Crowley.....	168	3.6	1 264	5.6	74	10.3	215	7.9	99	8.1	889	7.2
Custer.....	92	6.1	243	11.6	26	20.6	47	25.5	46	15.2	463	24.3
Delta.....	795	3.6	2 296	7.0	431	8.6	596	12.1	436	8.1	2 817	10.3
Denver.....	10	6.7	68	1.5	1	—	(D)	(D)	4	—	27	—
Dolores.....	125	3.6	543	14.5	62	12.0	126	26.2	48	15.1	458	12.1
Douglas.....	391	7.8	1 166	23.2	72	25.5	51	34.5	171	15.5	850	21.5
Eagle.....	107	4.2	495	5.4	41	13.5	67	7.8	50	11.6	579	5.0
Elbert.....	583	4.1	1 496	8.3	191	14.5	569	15.1	333	8.2	2 636	11.3
El Paso.....	605	3.9	1 543	7.1	100	19.7	252	14.8	236	12.2	1 517	12.5
Fremont.....	347	6.5	735	7.0	155	16.1	123	17.1	131	14.7	885	13.0
Garfield.....	360	5.5	1 303	8.3	141	15.4	237	13.0	157	11.5	1 411	13.2
Gilpin.....	7	8.1	8	5.3	—	—	—	—	6	7.7	20	11.6

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Grand -----	125	3.9	641	11.4	35	16.3	52	29.2	57	9.5	469	8.1
Gunnison -----	147	3.5	480	4.6	36	13.9	38	15.6	81	6.9	912	7.2
Hinsdale -----	15	5.1	45	5.1	2	19.3	(D)	(D)	9	7.5	22	15.0
Huerfano -----	191	9.7	561	16.1	35	39.4	43	51.9	67	22.6	404	22.1
Jackson -----	115	3.3	1 088	6.4	30	16.0	255	6.8	80	8.1	1 244	6.3
Jefferson -----	339	5.8	1 405	7.9	61	23.6	59	8.5	107	18.9	842	12.4
Kiowa -----	256	6.1	1 734	7.1	114	17.6	1 614	16.7	194	11.4	2 001	7.6
Kit Carson -----	631	3.3	6 550	3.6	385	8.1	3 602	11.2	411	6.4	8 790	4.2
Lake -----	17	6.0	29	3.7	1	—	(D)	(D)	6	10.5	18	16.7
La Plata -----	559	4.8	1 108	11.0	225	13.2	346	22.8	327	9.7	1 711	16.3
Larimer -----	1 022	3.1	3 987	6.1	380	9.3	994	6.5	559	7.0	5 007	5.0
Las Animas -----	375	5.8	1 487	5.9	144	15.6	271	7.5	218	10.6	1 736	6.8
Lincoln -----	397	4.0	2 536	8.8	172	12.3	1 116	12.4	300	7.8	4 018	7.4
Logan -----	807	2.8	5 445	4.3	446	7.0	2 582	13.4	545	6.0	5 746	5.3
Mesa -----	1 069	3.1	2 986	9.4	516	7.7	969	21.6	536	7.3	3 713	8.0
Mineral -----	16	4.3	15	6.9	1	—	(D)	(D)	5	10.9	12	12.4
Moffat -----	277	5.7	1 065	9.2	73	22.1	251	18.8	191	10.7	1 730	6.5
Montezuma -----	505	5.5	1 441	10.1	192	16.5	216	25.6	310	9.1	1 763	12.2
Montrose -----	657	3.5	3 061	6.0	400	6.9	750	8.3	440	6.3	5 173	6.5
Morgan -----	779	2.5	8 806	3.3	389	8.3	2 894	6.5	539	6.1	11 777	3.9
Otero -----	456	3.1	2 391	6.5	224	10.0	794	9.5	341	7.0	3 040	6.9
Ouray -----	63	3.5	245	2.6	37	4.9	63	2.7	34	4.6	319	3.8
Park -----	132	4.5	363	8.5	19	21.1	24	28.4	40	13.9	279	10.8
Phillips -----	327	5.3	3 041	6.8	234	10.1	1 730	15.6	257	8.3	4 934	5.4
Pitkin -----	66	4.1	206	5.9	11	10.0	9	12.9	23	6.9	110	5.1
Prowers -----	415	5.7	3 585	7.1	246	13.5	1 631	12.0	345	8.7	3 811	4.9
Pueblo -----	547	3.9	1 692	11.2	179	14.6	480	39.4	228	10.6	2 105	13.2
Rio Blanco -----	210	6.0	1 066	11.0	53	30.4	141	8.4	138	13.0	1 168	11.7
Rio Grande -----	315	3.6	2 915	3.8	154	11.3	1 133	10.2	215	8.7	2 913	7.2
Routt -----	316	7.9	1 266	10.0	70	27.0	166	38.6	163	16.4	1 429	10.9
Saguache -----	199	4.4	2 697	4.5	135	12.3	1 488	3.8	143	9.9	2 656	5.4
San Juan -----	—	—	—	—	—	—	—	—	—	—	—	—
San Miguel -----	76	3.5	238	2.9	37	5.3	44	3.7	46	3.7	415	2.5
Sedgwick -----	196	5.8	1 925	7.1	150	9.7	1 251	11.3	183	7.0	3 304	9.4
Summit -----	17	2.9	64	.3	2	—	(D)	(D)	7	4.6	64	.5
Teller -----	65	4.0	63	3.6	9	9.6	10	21.3	19	6.5	69	5.7
Washington -----	706	3.2	4 140	5.1	319	10.8	2 831	11.1	399	8.4	5 387	5.5
Weld -----	2 579	1.7	24 226	1.6	1 379	4.1	8 915	3.1	1 647	3.5	27 340	2.4
Yuma -----	790	3.1	9 121	5.4	447	7.1	4 044	5.7	688	4.5	15 088	2.9

Geographic area	Farm production expenses ¹ —Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Colorado -----	6 364	2.4	67 697	2.0	24 319	1.0	53 377	1.2	25 187	.9	251 759	.7
Adams -----	146	15.8	1 978	8.6	546	4.3	1 585	5.4	588	2.9	7 629	3.4
Alamosa -----	72	23.3	1 433	13.8	290	3.5	760	5.9	273	5.2	6 898	1.6
Arapahoe -----	76	19.2	455	15.5	235	5.0	530	17.5	215	7.2	1 436	6.6
Archuleta -----	22	17.4	210	7.3	151	2.8	351	21.1	142	4.2	584	5.2
Baca -----	154	17.7	1 591	21.3	503	4.3	1 025	6.8	529	3.4	3 962	7.4
Bent -----	78	24.2	1 096	17.0	225	6.4	454	6.5	231	3.3	2 981	2.6
Boulder -----	182	12.0	1 530	21.1	634	3.4	1 164	8.8	661	3.1	7 129	6.3
Chaffee -----	43	12.0	126	17.8	148	3.0	207	9.5	152	2.4	783	5.5
Cheyenne -----	105	15.7	1 146	11.0	243	7.0	478	8.1	297	2.5	2 265	4.9
Clear Creek -----	2	21.7	(D)	(D)	11	11.9	34	14.1	11	10.5	(D)	(D)
Conejos -----	70	28.0	660	11.0	433	3.0	679	5.9	418	3.8	2 707	9.0
Costilla -----	57	11.4	758	10.8	167	3.6	241	4.7	173	3.4	2 134	2.4
Crowley -----	38	15.5	385	9.0	187	2.7	328	7.4	195	2.4	3 171	2.5
Custer -----	37	17.4	294	25.9	103	5.3	179	19.9	114	5.5	374	14.2
Delta -----	203	14.8	523	13.3	889	2.3	1 070	4.3	873	2.5	5 256	6.7
Denver -----	6	11.3	20	3.2	15	6.3	45	5.6	15	6.3	154	.5
Dolores -----	13	27.7	73	24.2	118	4.4	122	12.1	124	3.5	555	9.0
Douglas -----	65	35.6	378	39.4	481	3.9	755	17.9	482	3.2	1 406	11.5
Eagle -----	23	13.4	363	1.0	112	4.6	292	7.3	126	2.3	1 168	5.9
Elbert -----	159	14.9	1 104	8.4	669	2.5	1 227	9.6	676	2.2	3 051	6.4
El Paso -----	165	14.2	625	14.7	654	3.1	951	10.2	627	4.1	3 185	8.5
Fremont -----	90	19.9	206	15.1	435	3.1	363	7.1	435	3.5	1 634	6.2
Garfield -----	113	18.1	645	13.7	395	4.3	918	10.5	433	2.3	2 299	4.5
Gilpin -----	3	—	3	—	14	6.2	(D)	(D)	9	6.3	18	1.4
Grand -----	36	15.7	508	15.7	127	4.4	234	11.7	136	3.0	1 611	6.6
Gunnison -----	44	13.3	263	18.8	153	3.4	252	4.3	152	3.0	1 177	4.2
Hinsdale -----	3	12.9	6	18.8	16	5.3	26	7.9	15	5.1	49	10.5
Huerfano -----	38	33.2	162	18.2	235	4.2	323	14.8	228	5.6	596	10.1
Jackson -----	45	10.8	870	14.6	112	3.2	373	6.7	127	1.9	2 321	5.4

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C—19

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA: VOL1_TIPS_APX_84.TIPS:1 * 5/25/94 07:38:00 TAPE: N0reel FRAME: 13
TSF:TIPS92-07390527.DAT:1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT:1 5/25/94 07:39:13 META: VOL1_TIPS96_APX_84.DAT:4 5/25/94 07:40:19

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Jefferson -----	45	32.6	354	27.9	405	2.1	744	5.6	367	4.9	3 749	3.1
Kiowa -----	81	19.8	666	9.7	240	7.0	612	7.7	286	4.2	1 928	5.6
Kit Carson -----	228	11.7	2 494	17.9	624	3.9	2 375	7.1	690	2.0	9 578	5.6
Lake -----	9	10.0	54	1.6	17	6.0	19	2.2	15	6.0	34	5.7
La Plata -----	177	16.7	619	41.4	662	3.1	812	8.3	663	2.6	1 895	11.5
Larimer -----	247	12.6	1 332	6.2	1 096	2.4	1 880	8.0	1 101	2.5	8 300	3.0
Las Animas -----	116	16.6	594	6.1	414	5.1	885	4.3	457	3.5	2 349	4.2
Lincoln -----	169	11.0	1 655	8.2	385	5.0	1 201	7.7	421	2.2	3 780	6.7
Logan -----	130	16.8	2 229	20.8	790	2.8	2 285	6.3	857	2.0	10 578	3.4
Mesa -----	262	11.0	1 534	15.1	1 266	1.6	1 718	5.5	1 205	2.3	5 571	5.1
Mineral -----	—	—	—	—	17	4.0	33	2.8	16	4.3	11	13.2
Moffat -----	97	17.1	630	14.7	310	4.8	416	10.2	315	4.4	1 876	6.8
Montezuma -----	124	23.2	427	37.2	637	2.4	802	25.6	600	3.2	1 950	9.8
Montrose -----	186	12.1	1 345	18.9	786	1.8	1 254	3.1	755	2.3	4 360	3.8
Morgan -----	214	12.5	5 856	6.5	732	3.1	2 579	3.6	796	2.4	17 768	1.8
Otero -----	166	14.5	952	11.1	453	3.3	763	8.2	491	2.1	4 831	2.7
Ouray -----	25	5.2	150	3.7	74	3.4	156	1.9	74	3.4	380	1.7
Park -----	37	14.6	131	12.4	156	2.3	159	7.0	142	3.8	358	5.6
Phillips -----	131	16.4	2 117	10.2	302	6.6	1 270	14.3	365	2.7	5 089	10.6
Pitkin -----	13	8.5	27	11.9	65	4.2	210	4.6	67	4.1	214	4.8
Prowers -----	120	17.7	1 884	16.3	463	3.7	1 330	4.5	502	3.6	5 423	4.6
Pueblo -----	138	13.3	1 286	12.0	585	2.0	921	9.2	555	3.5	3 561	5.4
Rio Blanco -----	47	18.3	505	13.2	222	3.5	325	9.0	217	5.1	2 140	4.9
Rio Grande -----	83	14.0	1 407	5.2	311	3.4	1 091	3.7	339	.9	4 188	4.7
Routt -----	101	19.0	1 012	19.3	419	3.4	727	9.9	371	5.4	2 185	9.4
Saguache -----	93	17.3	2 386	6.3	230	3.2	886	3.4	230	2.7	4 369	4.9
San Juan -----	1	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)
San Miguel -----	18	6.3	187	2.3	89	3.4	121	3.0	88	3.3	448	1.4
Sedgwick -----	63	19.1	817	16.5	190	6.5	697	8.7	217	3.7	2 744	6.3
Summit -----	9	3.6	44	1.7	20	3.8	66	.7	19	3.7	115	.7
Teller -----	14	7.3	41	1.2	75	3.9	61	4.7	67	4.0	144	3.4
Washington -----	215	14.1	1 760	11.1	728	2.5	1 813	5.1	754	1.8	6 497	2.9
Weld -----	677	7.0	11 026	3.5	2 430	1.9	7 197	2.6	2 779	1.2	50 744	1.1
Yuma -----	240	10.9	4 754	5.2	824	2.8	2 984	3.4	908	1.7	18 061	1.3
Geographic area	Net cash return from agricultural sales for the farm unit (see text) ¹				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Colorado -----	27 154	.9	515 763	1.1	21 882	.8	10 933 484	.4	18 573	.7	5 532 964	.4
Adams -----	658	1.1	20 699	5.9	544	1.0	502 890	.6	470	1.0	251 528	.5
Alamosa -----	303	1.0	10 796	5.0	265	1.0	107 509	1.1	238	1.2	75 937	.9
Arapahoe -----	269	1.0	(D)	(D)	186	1.5	162 376	1.1	135	1.9	67 447	1.1
Archuleta -----	159	2.5	1 083	10.3	127	2.3	23 605	3.5	98	2.9	7 262	4.0
Baca -----	562	2.0	5 491	17.7	495	1.5	650 060	.9	404	1.6	(D)	(D)
Bent -----	268	1.5	6 300	13.0	192	1.5	119 154	1.0	172	1.8	63 474	1.3
Boulder -----	746	1.1	7 573	7.5	600	1.1	64 245	2.1	493	1.2	42 180	2.0
Chaffee -----	158	2.1	436	37.2	123	1.4	17 527	2.6	108	1.6	9 892	2.8
Cheyenne -----	305	.8	5 990	14.4	263	.8	449 705	.5	231	.9	(D)	(D)
Clear Creek -----	14	9.7	(D)	(D)	10	7.6	1 517	7.0	6	12.1	240	11.3
Conejos -----	451	1.8	5 435	8.9	415	1.5	137 625	1.4	385	1.6	91 167	1.3
Costilla -----	185	1.8	1 202	13.9	172	1.4	(D)	(D)	155	1.6	35 018	1.1
Crowley -----	204	1.6	9 165	3.6	136	1.7	49 033	2.3	96	2.4	15 378	3.0
Custer -----	131	2.0	1 002	23.5	94	1.6	28 681	2.2	74	2.1	14 359	2.0
Delta -----	944	1.0	5 590	12.7	883	.9	78 783	1.1	794	.9	47 897	1.1
Denver -----	16	6.4	560	2.2	14	4.7	(D)	(D)	12	5.8	(D)	(D)
Dolores -----	132	2.4	1 305	18.8	119	1.6	74 915	1.8	100	2.1	45 762	1.9
Douglas -----	521	1.2	(D)	(D)	298	1.5	38 734	2.3	200	1.9	15 577	2.7
Eagle -----	135	1.7	1 631	8.5	98	2.2	26 657	3.7	85	2.5	14 753	2.1
Elbert -----	718	.9	3 154	30.7	511	1.0	224 382	.9	399	1.1	87 025	1.0
El Paso -----	722	1.2	3 394	16.1	359	1.4	87 050	2.1	229	1.8	28 735	1.8
Fremont -----	466	1.2	1 278	29.0	375	1.2	18 530	2.1	323	1.3	10 301	1.8
Garfield -----	448	1.2	(D)	(D)	398	1.0	76 666	1.3	343	1.2	36 478	1.5
Gilpin -----	14	6.2	(D)	(D)	4	12.5	298	27.7	1	—	(D)	(D)
Grand -----	150	2.2	1 402	27.6	110	2.1	44 918	2.2	89	2.5	30 131	1.5
Gunnison -----	173	1.8	1 129	20.9	138	1.4	47 751	2.0	121	1.7	32 245	1.4
Hinsdale -----	16	5.3	145	12.2	13	3.9	(D)	(D)	11	6.3	1 192	7.3
Huerfano -----	253	1.6	797	47.7	165	1.9	28 213	3.2	131	2.2	14 500	3.4
Jackson -----	127	1.9	3 162	11.6	100	1.5	99 255	.7	94	1.5	79 855	.7
Jefferson -----	420	1.2	2 149	22.9	254	1.6	14 817	4.2	179	2.0	5 226	3.8
Kiowa -----	309	1.3	4 323	13.0	248	1.1	495 908	.4	220	1.1	195 310	.4
Kit Carson -----	718	.7	24 608	8.2	627	.8	832 154	.5	553	.8	402 326	.4
Lake -----	18	5.6	(D)	(D)	12	5.1	(D)	(D)	12	5.1	705	10.4
La Plata -----	709	1.2	(D)	(D)	629	1.1	108 216	1.5	508	1.2	44 460	1.6

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Net cash return from agricultural sales for the farm unit (see text) ¹				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Larimer	1 232	1.0	15 720	7.2	943	.9	130 997	1.2	758	1.0	86 028	1.2
Las Animas	490	1.3	4 851	9.3	279	1.7	94 912	1.5	206	2.0	35 819	1.4
Lincoln	448	.7	7 950	11.2	317	.9	475 638	.4	280	1.0	193 500	.5
Logan	897	1.0	23 906	5.4	761	.9	538 943	.7	690	.9	254 614	.7
Mesa	1 324	1.0	3 589	23.7	1 212	1.0	94 012	1.3	1 041	1.0	56 862	1.3
Mineral	17	4.0	(D)	(D)	6	—	(D)	(D)	4	—	(D)	(D)
Moffat	350	1.8	1 897	27.6	279	1.3	124 325	.9	237	1.5	54 376	1.1
Montezuma	661	1.3	2 829	41.4	582	1.3	116 231	2.1	462	1.5	60 644	2.6
Montrose	813	1.0	7 182	8.0	739	1.0	97 346	1.3	638	1.1	62 093	1.3
Morgan	836	.9	40 231	3.4	683	1.0	365 528	.7	605	1.0	214 209	.6
Otero	508	1.0	17 439	5.1	402	1.2	79 497	1.3	348	1.3	55 832	1.4
Ouray	76	3.4	(D)	(D)	66	1.6	18 666	2.0	58	2.1	10 834	1.9
Park	165	1.6	761	18.3	95	1.9	17 493	2.1	66	2.5	10 703	1.6
Phillips	375	.8	15 770	4.7	345	.7	399 883	.6	334	.8	229 826	.6
Pitkin	71	4.0	(D)	(D)	62	1.8	8 049	3.0	51	2.8	5 308	3.4
Prowers	530	1.4	23 922	3.6	441	1.2	477 781	.7	398	1.3	224 957	.8
Pueblo	616	1.1	3 333	28.8	439	1.2	92 230	1.5	345	1.4	34 254	1.4
Rio Blanco	240	1.3	740	45.1	192	1.3	52 653	1.7	160	1.6	26 783	1.7
Rio Grande	339	.9	9 795	5.7	312	.8	120 482	.9	275	1.0	85 261	.7
Routt	438	1.8	4 955	8.3	378	1.2	107 224	1.7	315	1.4	51 415	1.3
Saguache	249	.8	7 915	5.8	214	1.0	147 437	.8	192	1.2	103 983	.8
San Juan	1	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)
San Miguel	97	3.2	(D)	(D)	72	2.1	22 707	2.0	62	2.6	10 181	2.6
Sedgwick	230	1.1	8 205	10.5	220	.8	204 914	.9	210	.9	117 729	.9
Summit	22	3.9	(D)	(D)	19	2.5	5 089	1.1	16	3.0	3 334	.2
Teller	81	3.7	(D)	(D)	41	3.8	4 064	8.9	27	5.2	2 272	8.8
Washington	784	.8	13 969	9.8	676	.8	826 205	.5	597	.9	339 189	.5
Weld	2 910	.8	121 995	1.6	2 356	.7	927 746	.5	2 041	.7	558 312	.5
Yuma	932	.9	49 441	2.1	773	.8	696 322	.6	687	.8	425 401	.5
Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total	Relative standard error of estimate (percent)
Colorado	15 193	.8	3 169 839	.5	14 797	.8	3 086 717	.2	11 596	.8	900 347	.4
Adams	255	1.7	28 763	1.8	268	1.7	22 584	1.3	190	2.1	6 773	2.2
Alamosa	255	1.1	97 297	1.1	143	2.1	11 219	2.9	111	2.5	5 871	3.1
Arapahoe	43	4.1	3 314	4.2	121	2.1	15 440	.9	100	2.3	(D)	(D)
Archuleta	102	2.8	14 741	3.1	100	2.7	10 477	3.0	86	3.1	3 551	3.8
Baca	124	2.5	51 156	1.6	341	1.7	61 256	.7	286	1.8	20 593	1.0
Bent	160	1.9	52 877	1.6	180	1.5	60 463	.6	149	1.8	17 993	1.0
Boulder	519	1.2	44 642	2.1	352	1.5	25 581	1.0	254	1.9	9 130	1.5
Chaffee	132	1.2	16 428	3.3	108	1.6	8 655	1.7	91	2.0	(D)	(D)
Cheyenne	43	2.3	15 779	1.7	173	1.2	44 149	.6	140	1.3	14 952	.6
Clear Creek	5	14.5	156	16.2	6	12.1	54	12.0	5	12.8	39	9.4
Conejos	379	1.5	117 364	1.4	289	1.8	40 656	1.5	265	1.9	25 043	1.5
Costilla	168	1.5	41 604	1.4	126	2.2	10 043	4.0	117	2.3	5 478	3.6
Crowley	79	2.8	11 552	3.1	156	1.5	81 787	.3	122	1.9	9 753	1.1
Custer	78	2.0	19 363	1.9	99	1.6	11 323	2.1	80	2.1	5 617	2.4
Delta	874	.9	71 690	1.2	462	1.3	53 164	1.1	386	1.4	23 274	1.6
Denver	8	8.0	(D)	(D)	1	43.3	(D)	(D)	1	43.3	(D)	(D)
Dolores	39	4.5	7 611	3.5	48	3.9	6 707	2.2	46	4.1	3 515	3.3
Douglas	82	3.1	3 346	3.1	221	1.8	10 523	2.6	169	2.2	5 316	3.5
Eagle	103	2.0	24 093	1.9	79	2.6	18 819	1.7	67	3.0	11 206	1.9
Elbert	63	3.4	5 967	4.4	492	1.0	53 782	.7	393	1.1	25 959	.7
El Paso	105	2.7	10 861	3.4	464	1.2	48 270	1.0	349	1.4	21 141	.9
Fremont	350	1.2	12 779	1.7	249	1.5	17 989	.8	187	1.8	8 453	1.0
Garfield	380	1.1	48 999	1.4	239	1.6	35 929	1.6	204	1.8	18 855	1.8
Gilpin	2	17.5	(D)	(D)	8	6.2	506	1.4	7	7.1	325	2.1
Grand	109	2.1	39 079	1.5	103	2.2	25 927	1.1	89	2.5	11 710	1.4
Gunnison	147	1.2	49 271	1.5	117	1.7	30 713	1.3	104	1.9	17 252	1.1
Hinsdale	13	3.9	1 682	7.6	10	1.2	2 192	9.3	9	5.3	1 214	9.1
Huerfano	122	2.4	13 487	4.1	206	1.6	25 789	1.0	185	1.7	(D)	(D)
Jackson	102	1.4	101 408	.9	95	1.5	45 005	.5	88	1.7	23 572	.5
Jefferson	149	2.3	3 077	3.8	135	2.5	4 675	4.6	92	3.2	(D)	(D)
Kiowa	10	3.8	2 276	4.7	171	1.4	28 766	.9	154	1.5	15 042	.8
Kit Carson	286	1.2	139 413	.7	404	1.1	133 127	.3	281	1.4	27 444	.8
Lake	11	5.5	6 668	1.2	11	4.8	974	2.7	9	6.8	582	2.7
La Plata	591	1.1	85 394	1.5	399	1.4	32 686	1.8	348	1.5	16 710	2.0
Larimer	771	1.0	82 724	1.1	576	1.2	75 155	.7	370	1.5	16 984	1.7
Las Animas	175	2.3	23 775	2.8	397	1.2	70 171	.4	365	1.3	39 942	.4
Lincoln	28	3.8	4 167	5.1	305	.9	65 169	.4	251	1.1	28 520	.5
Logan	335	1.4	104 617	1.2	519	1.1	190 524	.3	406	1.3	34 852	.8
Mesa	1 218	1.0	78 267	1.3	562	1.3	54 406	1.2	446	1.4	26 347	1.4

See footnotes at end of table.

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Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
					Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Mineral -----	5	—	1 057	—	5	9.4	(D)	(D)	2	—	(D)	(D)
Moffat -----	127	2.1	20 382	1.3	186	1.5	25 504	.6	164	1.6	16 163	.6
Montezuma -----	547	1.4	55 193	2.2	392	1.6	26 572	2.0	359	1.7	17 190	2.5
Montrose -----	729	1.0	84 782	1.1	423	1.3	59 201	1.1	351	1.5	23 921	1.5
Morgan -----	528	1.1	145 766	.9	435	1.3	214 683	.3	277	1.7	26 033	1.2
Otero -----	383	1.2	60 432	1.4	306	1.4	83 996	.5	221	1.7	17 684	1.1
Ouray -----	63	1.8	13 555	1.9	45	2.9	9 378	1.2	44	3.0	5 633	1.6
Park -----	53	2.8	11 415	1.4	112	1.6	12 741	1.7	94	1.9	6 860	2.1
Phillips -----	150	1.5	80 426	.8	131	1.9	29 660	.5	106	2.1	6 674	1.8
Pitkin -----	66	1.7	11 314	2.7	35	4.1	4 175	3.8	23	5.7	1 891	5.2
Prowers -----	306	1.5	113 922	1.2	252	1.6	99 834	.3	186	1.9	15 318	1.0
Pueblo -----	315	1.5	31 515	1.5	355	1.3	52 266	.6	290	1.5	23 811	.8
Rio Blanco -----	152	1.7	27 368	2.3	149	1.8	35 740	1.3	132	2.0	21 447	1.2
Rio Grande -----	298	.9	113 954	.8	141	2.0	16 480	2.2	126	2.2	9 942	2.4
Routt -----	227	1.7	46 284	1.7	257	1.6	37 042	1.5	210	1.8	15 463	2.0
Saguache -----	207	1.1	125 839	.7	124	1.9	32 468	1.1	108	2.1	18 032	1.2
San Juan -----	1	—	(D)	(D)	1	—	(D)	(D)	—	—	—	—
San Miguel -----	63	2.5	15 824	1.8	65	2.4	10 148	1.9	58	2.8	5 544	2.1
Sedgwick -----	114	1.9	45 599	1.9	94	2.3	27 973	.9	70	2.9	(D)	(D)
Summit -----	15	3.2	4 700	.1	11	4.3	2 849	.1	10	3.7	(D)	(D)
Teller -----	16	7.5	1 243	15.9	55	2.7	4 275	1.7	42	3.8	(D)	(D)
Washington -----	137	1.8	44 242	1.0	405	1.1	71 339	.5	313	1.3	23 185	.9
Weld -----	1 817	.8	407 293	.6	1 537	.8	568 055	.2	975	1.0	59 478	.7
Yuma -----	459	1.0	271 781	.5	546	1.0	227 495	.3	433	1.1	41 781	.7
Livestock and poultry —Con.												
Geographic area	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Colorado -----	1 162	1.0	81 825	.2	1 643	1.2	464 479	.4	1 911	1.1	730 272	.2
Adams -----	24	5.0	3 043	1.4	52	4.4	16 992	1.5	34	5.9	(D)	(D)
Alamosa -----	13	7.8	317	15.0	10	10.0	384	17.1	34	5.2	5 670	4.3
Arapahoe -----	1	—	(D)	(D)	31	5.8	2 077	9.8	14	9.0	701	4.0
Archuleta -----	4	17.1	4	17.1	6	16.0	28	20.1	16	8.9	1 367	3.4
Baca -----	16	6.9	37	7.5	34	6.0	10 211	1.3	14	8.5	208	5.3
Bent -----	9	8.5	184	8.9	23	6.0	2 204	7.5	19	7.8	1 652	9.7
Boulder -----	26	5.3	5 255	.5	43	4.9	1 630	3.5	48	4.8	1 210	10.0
Chaffee -----	4	12.4	(D)	(D)	7	13.1	220	22.1	10	10.1	156	13.5
Cheyenne -----	11	4.7	152	7.9	14	6.1	(D)	(D)	5	14.0	490	10.7
Clear Creek -----	—	—	—	—	—	—	—	—	—	—	—	—
Conejos -----	22	6.6	418	4.9	18	8.4	611	4.1	66	3.9	20 015	1.7
Costilla -----	4	15.5	4	15.5	9	11.8	339	37.2	26	6.3	3 698	8.6
Crowley -----	22	5.2	627	7.0	18	7.1	1 363	6.6	19	7.4	943	13.0
Custer -----	5	10.8	22	18.0	7	10.9	102	4.7	2	27.0	(D)	(D)
Delta -----	46	4.3	2 503	1.1	41	4.9	3 407	4.8	63	3.9	9 186	2.1
Denver -----	—	—	—	—	—	—	—	—	—	—	—	—
Dolores -----	—	—	—	—	3	22.7	8	27.0	2	32.3	(D)	(D)
Douglas -----	3	13.6	11	5.9	32	5.6	866	10.3	34	5.4	845	8.0
Eagle -----	4	19.6	4	19.6	10	9.6	75	14.8	21	6.0	9 790	1.6
Elbert -----	29	5.3	653	5.7	48	4.4	1 093	3.6	43	4.2	1 410	3.8
El Paso -----	34	4.3	2 268	1.2	50	4.7	1 431	15.9	28	6.8	754	9.3
Fremont -----	25	5.5	2 027	1.2	49	4.6	4 040	3.7	25	6.1	1 152	3.3
Garfield -----	12	9.2	98	2.6	31	6.0	578	8.5	36	5.0	25 617	1.6
Gilpin -----	—	—	—	—	—	—	—	—	—	—	—	—
Grand -----	5	13.4	11	28.9	11	11.5	43	16.2	11	11.1	327	9.0
Gunnison -----	8	9.7	19	11.0	3	17.1	30	27.3	9	8.5	(D)	(D)
Hinsdale -----	—	—	—	—	—	—	—	—	—	—	—	—
Huerfano -----	16	9.3	(D)	(D)	6	19.0	23	23.8	13	10.1	713	15.5
Jackson -----	7	7.6	13	4.1	4	18.0	(D)	(D)	15	6.1	868	5.4
Jefferson -----	5	12.3	(D)	(D)	19	7.7	164	14.7	16	8.1	146	11.5
Kiowa -----	10	6.6	21	8.2	13	7.8	705	11.7	6	6.1	118	.6
Kit Carson -----	27	5.0	1 036	2.7	50	4.6	7 517	5.1	17	8.0	2 125	8.0
Lake -----	—	—	—	—	—	—	—	—	3	16.3	(D)	(D)
La Plata -----	37	5.0	347	5.2	37	5.6	1 698	19.9	63	3.9	6 812	5.7
Larimer -----	69	3.0	8 952	.4	74	3.7	5 047	2.0	103	3.1	46 941	.4
Las Animas -----	31	5.6	410	7.5	7	17.3	169	27.9	17	9.4	897	17.8
Lincoln -----	21	3.9	172	16.5	28	4.5	4 694	5.3	21	5.0	541	6.2
Logan -----	39	4.4	621	4.6	72	3.7	16 367	5.3	47	4.4	3 805	3.8
Mesa -----	52	3.8	2 073	1.1	63	4.2	5 207	7.8	113	2.9	18 728	2.1
Mineral -----	—	—	—	—	—	—	—	—	—	—	—	—
Moffat -----	14	5.5	63	1.5	15	9.8	105	14.9	57	3.5	90 518	.2
Montezuma -----	21	7.8	164	2.3	21	7.9	347	22.3	54	5.0	2 877	8.7
Montrose -----	25	5.3	2 042	.3	46	4.5	3 119	5.2	122	2.6	49 599	1.3
Morgan -----	46	3.8	6 759	.7	75	3.5	43 838	.6	32	5.7	3 241	1.3

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Livestock and poultry —Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Otero -----	21	6.4	387	9.0	39	5.1	3 139	7.7	53	4.1	11 863	2.5
Ouray -----	4	15.6	6	20.8	—	—	—	—	10	11.2	1 341	28.1
Park -----	3	9.0	4	6.8	10	7.5	24	8.9	11	7.1	892	2.5
Phillips -----	6	7.6	1 015	.2	14	8.1	(D)	(D)	18	6.7	1 837	4.4
Pitkin -----	6	13.3	53	29.4	2	27.3	(D)	(D)	5	13.9	138	19.5
Prowers -----	23	5.9	69	12.3	30	5.6	10 121	1.0	24	6.8	1 026	4.6
Pueblo -----	22	6.1	912	2.5	36	5.0	2 531	5.1	32	5.1	1 032	4.5
Rio Blanco -----	15	5.1	25	4.1	12	9.7	85	9.2	47	3.7	30 662	.4
Rio Grande -----	4	15.9	4	15.9	12	9.9	692	23.1	67	3.1	14 047	2.6
Routt -----	22	6.8	46	7.9	26	6.6	180	11.1	75	3.5	20 820	1.1
Saguache -----	23	6.2	42	8.5	10	8.1	799	2.1	24	6.5	14 489	2.0
San Juan -----	—	—	—	—	—	—	—	—	—	—	—	—
San Miguel -----	—	—	—	—	1	44.8	(D)	(D)	12	8.9	4 641	2.0
Sedgwick -----	2	21.7	(D)	(D)	4	17.7	698	18.4	6	11.8	177	23.4
Summit -----	2	—	(D)	(D)	1	—	(D)	(D)	1	37.3	(D)	(D)
Teller -----	1	37.7	(D)	(D)	6	13.3	54	21.8	1	—	(D)	(D)
Washington -----	11	7.2	362	5.5	69	3.4	23 355	1.9	27	5.6	1 535	3.3
Weld -----	229	1.5	35 036	.3	225	2.2	210 167	.3	188	2.4	289 605	.2
Yuma -----	21	6.1	2 677	1.2	66	3.8	14 252	4.9	32	5.3	1 907	10.6

Geographic area	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Colorado -----	1 744	1.3	3 798 587	—	74	4.3	(D)	(D)
Adams -----	39	5.6	1 287	9.4	4	16.7	299	22.1
Alamosa -----	14	8.3	337	13.5	—	—	—	—
Arapahoe -----	20	7.5	256	10.0	3	16.5	600	16.5
Archuleta -----	11	11.9	158	14.0	—	—	—	—
Baca -----	28	7.0	796	9.6	1	49.4	(D)	(D)
Bent -----	13	9.4	265	11.1	—	—	—	—
Boulder -----	61	4.1	973 086	(L)	—	20.8	(D)	(D)
Chaffee -----	15	8.0	312	9.8	3	—	—	—
Cheyenne -----	6	10.2	156	13.8	—	—	—	—
Clear Creek -----	—	—	—	—	—	—	—	—
Conejos -----	18	7.4	361	19.5	—	—	—	—
Costilla -----	3	21.9	50	15.8	—	—	—	—
Crowley -----	16	8.2	311	9.1	—	—	—	—
Custer -----	10	10.3	137	10.5	—	—	—	—
Delta -----	69	3.8	1 188	5.8	2	23.3	(D)	(D)
Denver -----	—	—	—	—	—	—	—	—
Dolores -----	5	16.9	95	17.5	—	—	—	—
Douglas -----	38	4.9	626	5.8	2	18.6	(D)	(D)
Eagle -----	15	8.4	377	9.9	—	—	—	—
Elbert -----	60	4.1	(D)	(D)	1	33.2	(D)	(D)
El Paso -----	60	4.5	1 346	11.6	2	27.4	(D)	(D)
Fremont -----	42	5.3	793	6.7	2	24.5	(D)	(D)
Garfield -----	49	4.8	981	5.4	2	—	—	—
Gilpin -----	—	—	—	—	—	—	—	—
Grand -----	12	10.8	437	11.2	1	—	(D)	(D)
Gunnison -----	3	21.3	47	21.3	—	—	—	—
Hinsdale -----	1	—	(D)	(D)	—	—	—	—
Huerfano -----	15	7.7	283	9.6	—	—	—	—
Jackson -----	5	13.5	54	11.7	—	—	—	—
Jefferson -----	32	5.7	1 267	15.2	2	28.8	(D)	(D)
Kiowa -----	7	6.7	266	4.3	—	—	—	—
Kit Carson -----	16	8.1	302	8.9	3	21.6	390	32.6
Lake -----	1	—	(D)	(D)	—	—	—	—
La Plata -----	69	4.1	2 937	11.3	3	22.2	84	26.6
Larimer -----	117	3.1	2 603	4.1	9	11.0	3 710	23.3
Las Animas -----	20	8.3	445	9.5	1	—	(D)	(D)
Lincoln -----	29	4.6	482	6.2	—	—	—	—
Logan -----	52	4.0	1 053	6.0	2	22.3	(D)	(D)
Mesa -----	118	3.1	(D)	(D)	4	17.4	(D)	(D)
Mineral -----	—	—	—	—	—	—	—	—
Moffat -----	25	6.2	1 163	10.8	—	—	—	—
Montezuma -----	46	5.2	999	6.2	—	—	—	—
Montrose -----	41	5.1	(D)	(D)	1	39.1	(D)	(D)
Morgan -----	37	5.6	(D)	(D)	7	14.0	(D)	(D)
Otero -----	39	5.2	(D)	(D)	1	39.8	(D)	(D)
Ouray -----	4	15.6	40	17.3	—	—	—	—
Park -----	12	7.4	166	8.0	—	—	—	—
Phillips -----	9	9.1	156	15.7	1	37.3	(D)	(D)
Pitkin -----	8	13.0	171	21.6	—	—	—	—

Geographic area	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Colorado	1 744	1.3	3 798 587	—	74	4.3	(D)	(D)
Adams	39	5.6	1 287	9.4	4	16.7	299	22.1
Alamosa	14	8.3	337	13.5	—	—	—	—
Arapahoe	20	7.5	256	10.0	3	16.5	600	16.5
Archuleta	11	11.9	158	14.0	—	—	—	—
Baca	28	7.0	796	9.6	1	49.4	(D)	(D)
Bent	13	9.4	265	11.1	—	—	—	—
Boulder	61	4.1	973 086	(L)	3	20.8	(D)	(D)
Chaffee	15	8.0	312	9.8	—	—	—	—
Cheyenne	6	10.2	156	13.8	—	—	—	—
Clear Creek	—	—	—	—	—	—	—	—
Conejos	18	7.4	361	19.5	—	—	—	—
Costilla	3	21.9	50	15.8	—	—	—	—
Crowley	16	8.2	311	9.1	—	—	—	—
Custer	10	10.3	137	10.5	—	—	—	—
Delta	69	3.8	1 188	5.8	2	23.3	(D)	(D)
Denver	—	—	—	—	—	—	—	—
Dolores	5	16.9	95	17.5	—	—	—	—
Douglas	38	4.9	626	5.8	2	18.6	(D)	(D)
Eagle	15	8.4	377	9.9	—	—	—	—
Elbert	60	4.1	(D)	(D)	1	33.2	(D)	(D)
El Paso	60	4.5	1 346	11.6	2	27.4	(D)	(D)
Fremont	42	5.3	793	6.7	2	24.5	(D)	(D)
Garfield	49	4.8	981	5.4	—	—	—	—
Gilpin	—	—	—	—	—	—	—	—
Grand	12	10.8	437	11.2	1	—	(D)	(D)
Gunnison	3	21.3	47	21.3	—	—	—	—
Hinsdale	1	—	(D)	(D)	—	—	—	—
Huerfano	15	7.7	283	9.6	—	—	—	—
Jackson	5	13.5	54	11.7	—	—	—	—
Jefferson	32	5.7	1 267	15.2	2	28.8	(D)	(D)
Kiowa	7	6.7	266	4.3	—	—	—	—
Kit Carson	16	8.1	302	8.9	3	21.6	390	32.6
Lake	1	—	(D)	(D)	—	—	—	—
La Plata	69	4.1	2 937	11.3	3	22.2	84	26.6
Larimer	117	3.1	2 603	4.1	9	11.0	3 710	23.3
Las Animas	20	8.3	445	9.5	1	—	(D)	(D)
Lincoln	29	4.6	482	6.2	—	—	—	—
Logan	52	4.0	1 053	6.0	2	22.3	(D)	(D)
Mesa	118	3.1	(D)	(D)	4	17.4	(D)	(D)
Mineral	—	—	—	—	—	—	—	—
Moffat	25	6.2	1 163	10.8	—	—	—	—
Montezuma	46	5.2	999	6.2	—	—	—	—
Montrose	41	5.1	(D)	(D)	1	39.1	(D)	(D)
Morgan	37	5.6	(D)	(D)	7	14.0	(D)	(D)
Otero	39	5.2	(D)	(D)	1	39.8	(D)	(D)
Ouray	4	15.6	40	17.3	—	—	—	—
Park	12	7.4	166	8.0	—	—	—	—
Phillips	9	9.1	156	15.7	1	37.3	(D)	(D)
Pitkin	8	13.0	171	21.6	—	—	—	—

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-23

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Prowers.....	28	5.9	660	7.5	—	—	—	—
Pueblo.....	40	5.1	765	7.3	—	—	—	—
Rio Blanco.....	11	11.9	277	16.4	—	—	—	—
Rio Grande.....	12	8.8	369	10.0	—	—	—	—
Routt.....	41	5.2	1 073	8.6	—	—	—	—
Saguache.....	16	7.0	513	17.5	2	25.0	(D)	(D)
San Juan.....	—	—	—	—	—	—	—	—
San Miguel.....	8	12.6	288	22.6	—	—	—	—
Sedgwick.....	10	10.7	416	10.4	1	37.5	(D)	(D)
Summit.....	—	—	—	—	—	—	—	—
Teller.....	11	8.4	271	20.4	2	26.3	(D)	(D)
Washington.....	39	4.8	984	4.2	1	41.4	(D)	(D)
Weld.....	182	2.6	1 777 291	(L)	10	11.5	2 653	14.5
Yuma.....	36	5.1	1 119	6.6	3	24.6	335	29.1

Geographic area	Selected crops harvested									
	Corn for grain or seed					Corn for silage or green chop				
	Farms		Acres		Quantity		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Colorado	4 066	.8	891 720	.4	126 076 043	.4	1 341	.8	98 838	.6
Adams.....	67	3.2	9 208	2.7	1 160 576	2.7	27	5.4	1 572	5.3
Alamosa.....	1	46.4	(D)	(D)	(D)	(D)	—	—	—	—
Arapahoe.....	1	—	(D)	(D)	(D)	(D)	5	9.6	780	8.8
Archuleta.....	—	—	—	—	—	—	—	—	—	—
Baca.....	52	3.5	13 629	1.9	2 114 435	1.9	6	—	898	—
Bent.....	76	2.9	7 052	3.0	867 660	3.1	23	4.5	1 621	5.5
Boulder.....	81	3.1	8 580	4.3	1 105 815	3.6	39	4.3	1 569	5.1
Chaffee.....	—	—	—	—	—	—	—	—	—	—
Cheyenne.....	28	1.3	9 207	1.4	1 412 125	1.6	6	8.6	490	9.6
Clear Creek.....	—	—	—	—	—	—	—	—	—	—
Conejos.....	—	—	—	—	—	—	—	—	—	—
Costilla.....	—	—	—	—	—	—	1	48.1	(D)	(D)
Crowley.....	23	5.8	2 129	4.9	227 219	6.5	10	5.0	338	9.3
Custer.....	—	—	—	—	—	—	1	—	(D)	(D)
Delta.....	55	3.7	4 431	3.4	589 485	3.7	47	3.6	2 975	3.3
Denver.....	—	—	—	—	—	—	—	—	—	—
Dolores.....	—	—	—	—	—	—	2	24.3	(D)	(D)
Douglas.....	1	29.0	(D)	(D)	(D)	(D)	1	—	(D)	(D)
Eagle.....	—	—	—	—	—	—	—	—	—	—
Elbert.....	4	17.4	232	11.1	16 060	6.8	2	—	(D)	(D)
El Paso.....	2	24.9	(D)	(D)	(D)	(D)	6	12.8	376	10.1
Fremont.....	—	—	—	—	—	—	7	9.1	397	1.7
Garfield.....	2	18.4	(D)	(D)	(D)	(D)	17	6.1	373	5.4
Gilpin.....	—	—	—	—	—	—	—	—	—	—
Grand.....	—	—	—	—	—	—	—	—	—	—
Gunnison.....	—	—	—	—	—	—	1	—	(D)	(D)
Hinsdale.....	—	—	—	—	—	—	—	—	—	—
Huerfano.....	1	50.0	(D)	(D)	(D)	(D)	—	—	—	—
Jackson.....	—	—	—	—	—	—	—	—	—	—
Jefferson.....	—	—	—	—	—	—	—	—	—	—
Kiowa.....	6	—	1 795	—	175 460	—	2	—	(D)	(D)
Kit Carson.....	241	1.3	80 144	.8	12 002 046	.8	72	2.1	6 037	1.6
Lake.....	—	—	—	—	—	—	—	—	—	—
La Plata.....	2	—	(D)	(D)	(D)	(D)	7	9.5	270	10.4
Larimer.....	166	2.1	17 769	2.2	2 448 873	2.2	93	2.5	8 161	2.1
Las Animas.....	16	7.4	1 172	7.6	153 302	10.4	9	9.6	216	4.4
Lincoln.....	13	3.8	2 244	3.6	166 021	7.3	3	—	160	—
Logan.....	296	1.5	62 657	1.2	7 925 224	1.1	80	2.4	5 065	1.7
Mesa.....	115	2.7	9 511	3.9	1 211 827	4.3	61	3.2	2 787	3.8
Mineral.....	—	—	—	—	—	—	—	—	—	—
Moffat.....	1	48.4	(D)	(D)	(D)	(D)	—	—	—	—
Montezuma.....	2	18.3	(D)	(D)	(D)	(D)	7	9.2	334	4.0
Montrose.....	141	2.4	8 152	2.5	1 086 649	2.4	55	3.1	4 031	2.6
Morgan.....	400	1.3	88 195	.9	13 595 543	1.0	112	2.2	6 764	1.7
Otero.....	188	1.9	18 930	1.6	2 798 095	1.6	37	3.5	1 498	3.3
Ouray.....	—	—	—	—	—	—	1	—	(D)	(D)
Park.....	—	—	—	—	—	—	—	—	—	—
Phillips.....	184	1.3	85 924	.7	10 885 158	.7	9	3.6	1 073	.5
Pitkin.....	—	—	—	—	—	—	1	—	(D)	(D)
Prowers.....	117	2.2	18 520	1.6	2 285 198	1.4	26	4.3	2 068	2.6
Pueblo.....	106	2.7	6 470	2.5	976 640	2.2	16	5.1	775	2.2
Rio Blanco.....	—	—	—	—	—	—	—	—	—	—
Rio Grande.....	—	—	—	—	—	—	—	—	—	—
Routt.....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested											
	Corn for grain or seed					Corn for silage or green chop						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Saguache -----	—	—	—	—	—	—	—	—	—	—	—	—
San Juan -----	—	—	—	—	—	—	—	—	—	—	—	—
San Miguel -----	—	—	—	—	—	—	—	—	—	—	—	—
Sedgwick -----	120	1.8	41 450	1.5	4 851 122	1.4	22	5.2	865	4.4	14 849	3.1
Summit -----	—	—	—	—	—	—	—	—	—	—	—	—
Teller -----	1	49.0	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Washington -----	120	1.9	32 906	1.1	3 882 917	1.0	17	4.3	1 178	2.8	19 434	2.1
Weld -----	1 022	.9	143 961	.8	21 132 146	.8	452	1.2	40 701	.9	909 813	1.0
Yuma -----	415	1.0	216 131	.4	32 911 969	.4	58	1.5	4 638	3.5	102 657	3.5
Geographic area	Selected crops harvested —Con.											
	Sorghum for grain or seed					Wheat for grain						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Colorado -----	709	1.2	163 850	1.0	6 280 126	.9	5 597	.7	2 384 979	.3	71 825 463	.3
Adams -----	13	7.7	1 064	5.5	28 520	7.0	262	1.4	206 963	.6	7 220 253	.6
Alamosa -----	1	—	(D)	(D)	(D)	(D)	31	2.4	10 668	.8	711 622	1.0
Arapahoe -----	3	19.4	(D)	(D)	(D)	(D)	87	2.4	57 342	1.1	1 489 161	1.3
Archuleta -----	—	—	—	—	—	—	4	20.6	159	20.1	9 980	19.5
Baca -----	222	2.1	87 368	1.5	3 076 707	1.5	339	1.7	155 693	.9	4 150 060	.9
Bent -----	58	3.3	4 789	3.2	331 907	2.8	51	2.9	14 868	.9	426 145	1.1
Boulder -----	1	34.7	(D)	(D)	(D)	(D)	50	3.9	4 210	5.8	176 295	4.9
Chaffee -----	—	—	—	—	—	—	—	—	—	—	—	—
Cheyenne -----	24	2.9	7 802	3.3	231 706	2.6	205	1.0	149 569	.6	4 038 765	.6
Clear Creek -----	—	—	—	—	—	—	—	—	—	—	—	—
Conejos -----	—	—	—	—	—	—	15	5.4	1 751	3.8	126 576	2.4
Costilla -----	—	—	—	—	—	—	14	5.7	8 101	1.5	539 309	1.5
Crowley -----	13	8.9	1 340	3.9	53 480	4.4	11	9.0	1 694	9.4	31 804	12.4
Custer -----	—	—	—	—	—	—	—	—	—	—	—	—
Delta -----	1	36.2	(D)	(D)	(D)	(D)	21	6.0	898	5.0	55 119	5.7
Denver -----	—	—	—	—	—	—	3	15.7	(D)	(D)	(D)	(D)
Dolores -----	—	—	—	—	—	—	70	2.9	17 461	2.1	407 602	2.2
Douglas -----	—	—	—	—	—	—	12	8.1	2 920	7.9	82 392	13.9
Eagle -----	—	—	—	—	—	—	—	—	—	—	—	—
Elbert -----	2	—	(D)	(D)	(D)	(D)	136	1.9	44 794	1.3	1 226 712	1.4
El Paso -----	2	—	(D)	(D)	(D)	(D)	22	5.8	2 417	7.9	58 941	7.9
Fremont -----	—	—	—	—	—	—	4	17.7	65	22.1	2 250	20.0
Garfield -----	1	46.6	(D)	(D)	(D)	(D)	10	8.1	1 765	9.1	48 468	10.7
Gilpin -----	—	—	—	—	—	—	—	—	—	—	—	—
Grand -----	—	—	—	—	—	—	—	—	—	—	—	—
Gunnison -----	—	—	—	—	—	—	—	—	—	—	—	—
Hinsdale -----	—	—	—	—	—	—	—	—	—	—	—	—
Huerfano -----	3	15.3	87	9.5	5 070	4.9	1	50.0	(D)	(D)	(D)	(D)
Jackson -----	—	—	—	—	—	—	—	—	—	—	—	—
Jefferson -----	—	—	—	—	—	—	4	15.9	(D)	(D)	14 337	15.2
Kiowa -----	59	2.3	24 275	1.2	737 872	1.0	197	1.2	158 100	.5	3 899 625	.4
Kit Carson -----	17	4.8	2 225	2.8	173 116	.9	494	.9	273 188	.5	8 999 608	.5
Lake -----	—	—	—	—	—	—	—	—	—	—	—	—
La Plata -----	1	—	(D)	(D)	(D)	(D)	38	4.9	3 922	4.0	114 428	5.2
Larimer -----	—	—	—	—	—	—	90	2.8	11 849	3.0	403 881	3.2
Las Animas -----	8	8.8	715	5.1	49 729	2.2	23	5.7	3 682	1.8	63 782	2.2
Lincoln -----	27	3.5	5 414	4.5	118 899	3.4	206	1.2	150 601	.5	4 716 272	.5
Logan -----	6	5.2	741	4.0	16 944	1.4	406	1.2	110 159	1.0	2 671 966	1.1
Mesa -----	4	11.7	145	14.5	7 450	10.1	31	5.0	1 941	6.3	134 187	8.0
Mineral -----	—	—	—	—	—	—	—	—	—	—	—	—
Moffat -----	—	—	—	—	—	—	51	2.9	24 349	1.9	665 639	2.2
Montezuma -----	—	—	—	—	—	—	57	4.5	8 370	5.3	193 525	4.8
Montrose -----	—	—	—	—	—	—	50	4.1	2 689	5.8	156 585	5.9
Morgan -----	11	7.2	437	9.7	20 880	12.1	198	1.7	62 944	1.0	2 247 742	.9
Otero -----	14	6.3	311	4.6	18 914	6.3	77	2.8	3 660	2.5	211 179	2.3
Ouray -----	—	—	—	—	—	—	—	—	—	—	—	—
Park -----	—	—	—	—	—	—	—	—	—	—	—	—
Phillips -----	5	9.2	515	6.6	14 865	6.8	288	.9	125 044	.8	3 843 585	.8
Pitkin -----	—	—	—	—	—	—	2	19.1	(D)	(D)	(D)	(D)
Prowers -----	167	2.0	19 733	1.4	1 007 203	1.8	235	1.5	113 095	.6	2 865 355	.6
Pueblo -----	4	13.2	804	10.4	(D)	(D)	24	5.4	1 706	5.5	34 089	5.2
Rio Blanco -----	—	—	—	—	—	—	9	5.0	2 886	2.7	84 130	3.2
Rio Grande -----	1	26.0	(D)	(D)	(D)	(D)	52	2.4	8 233	2.0	653 002	1.8
Routt -----	—	—	—	—	—	—	31	5.1	7 760	4.9	248 683	6.6
Saguache -----	—	—	—	—	—	—	48	3.0	17 794	2.1	1 390 681	2.2
San Juan -----	—	—	—	—	—	—	—	—	—	—	—	—
San Miguel -----	—	—	—	—	—	—	5	—	1 091	—	22 941	—
Sedgwick -----	2	21.7	(D)	(D)	(D)	(D)	154	1.5	57 154	1.4	1 485 496	1.4
Summit -----	2	18.6	(D)	(D)	(D)	(D)	—	—	—	—	—	—

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-25

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.											
	Sorghum for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Teller	—	—	—	—	—	—	—	—	—	—	—	—
Washington	8	7.0	784	1.9	31 084	1.7	490	.9	247 819	.5	7 380 704	.5
Weld	18	3.7	2 670	2.2	158 621	1.8	549	1.1	159 269	.8	4 382 063	.9
Yuma	11	8.8	1 419	6.3	83 048	6.5	440	1.1	144 484	1.1	4 098 054	1.0
Geographic area	Selected crops harvested —Con.											
	Barley for grain						Dry edible beans, including dry limas					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)
Colorado	1 053	.9	115 321	.7	8 934 199	.7	1 533	.9	150 824	.7	2 509 515	.6
Adams	40	4.4	2 317	3.9	105 288	4.4	12	9.6	568	8.7	11 847	8.0
Alamosa	65	2.7	13 872	2.5	1 234 621	2.8	—	—	—	—	—	—
Arapahoe	3	10.9	108	7.6	4 150	7.9	1	35.4	(D)	(D)	(D)	(D)
Archuleta	2	34.5	(D)	(D)	(D)	(D)	—	—	(D)	(D)	(D)	(D)
Baca	11	7.8	1 221	4.3	31 149	2.6	—	—	—	—	—	—
Bent	5	9.3	173	8.6	8 520	10.5	—	—	—	—	—	—
Boulder	38	4.7	2 343	5.8	177 512	6.0	26	5.5	2 077	5.7	47 183	7.0
Chaffee	—	—	—	—	—	—	—	—	—	—	—	—
Cheyenne	2	—	(D)	(D)	(D)	(D)	3	—	462	—	9 486	—
Clear Creek	—	—	—	—	—	—	—	—	—	—	—	—
Conejos	57	3.2	9 427	2.8	753 656	2.3	—	—	—	—	—	—
Costilla	18	5.9	5 171	1.8	425 630	1.8	1	48.1	(D)	(D)	(D)	(D)
Crowley	—	—	—	—	—	—	—	—	—	—	—	—
Custer	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Delta	18	6.6	426	5.6	30 301	4.6	35	4.0	2 549	2.7	51 870	2.6
Denver	—	—	—	—	—	—	—	—	—	—	—	—
Dolores	—	—	—	—	—	—	60	3.4	18 672	2.8	100 725	2.9
Douglas	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Eagle	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Elbert	8	4.0	416	.8	13 235	.5	3	15.9	(D)	(D)	(D)	(D)
El Paso	1	—	(D)	(D)	(D)	(D)	2	24.9	(D)	(D)	(D)	(D)
Fremont	—	—	—	—	—	—	—	—	—	—	—	—
Garfield	33	4.9	630	6.5	36 080	6.4	—	—	—	—	—	—
Gilpin	—	—	—	—	—	—	—	—	—	—	—	—
Grand	—	—	—	—	—	—	—	—	—	—	—	—
Gunnison	—	—	—	—	—	—	—	—	—	—	—	—
Hinsdale	—	—	—	—	—	—	—	—	—	—	—	—
Huerfano	—	—	—	—	—	—	—	—	—	—	—	—
Jackson	—	—	—	—	—	—	—	—	—	—	—	—
Jefferson	—	—	—	—	—	—	—	—	—	—	—	—
Kiowa	3	—	272	—	10 790	—	—	—	—	—	—	—
Kit Carson	9	6.5	574	3.9	29 196	1.6	84	2.2	15 389	1.2	289 763	1.4
Lake	—	—	—	—	—	—	—	—	—	—	—	—
La Plata	4	16.5	211	22.0	10 520	26.0	7	7.8	2 346	1.2	17 831	.7
Larimer	97	2.9	5 324	3.3	435 699	3.6	80	3.0	4 428	2.5	93 692	2.8
Las Animas	7	12.3	131	10.4	6 836	8.9	—	—	—	—	—	—
Lincoln	1	—	(D)	(D)	(D)	(D)	8	8.8	874	13.8	12 972	18.5
Logan	10	7.0	888	5.4	32 275	4.2	91	2.8	7 334	2.2	147 904	2.1
Mesa	46	4.0	1 214	5.1	118 809	5.8	22	5.4	945	6.2	17 018	6.1
Mineral	—	—	—	—	—	—	—	—	—	—	—	—
Moffat	9	5.7	423	3.1	16 615	2.5	—	—	—	—	—	—
Montezuma	9	10.7	705	16.1	42 697	24.1	37	5.3	7 236	4.7	62 797	4.8
Montrose	30	4.9	884	7.8	64 313	7.9	127	2.5	8 726	2.4	175 405	2.3
Morgan	22	4.7	2 335	2.8	109 953	2.8	148	2.1	7 938	1.8	161 210	1.7
Otero	5	9.8	335	7.0	14 104	10.1	33	4.3	1 078	3.8	18 414	4.0
Ouray	—	—	—	—	—	—	—	—	—	—	—	—
Park	—	—	—	—	—	—	—	—	—	—	—	—
Phillips	7	6.6	282	5.2	13 490	3.9	51	2.8	7 959	2.6	125 930	2.5
Pitkin	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Prowers	24	4.7	1 909	2.9	76 566	3.2	3	16.1	160	6.0	1 478	11.7
Pueblo	3	14.9	18	13.3	234	16.8	54	3.4	3 538	3.1	45 062	2.6
Rio Blanco	6	7.5	337	2.9	15 650	4.6	—	—	—	—	—	—
Rio Grande	94	1.7	21 084	1.1	1 939 823	1.2	—	—	—	—	—	—
Routt	15	8.2	1 475	5.9	62 572	6.6	—	—	—	—	—	—
Saguache	66	2.1	19 542	1.1	1 730 129	1.1	1	—	(D)	(D)	(D)	(D)
San Juan	—	—	—	—	—	—	—	—	—	—	—	—
San Miguel	—	—	—	—	—	—	4	11.2	986	(L)	7 005	.1
Sedgwick	6	11.4	498	4.3	20 544	4.1	47	3.5	5 751	2.5	82 614	2.0
Summit	—	—	—	—	—	—	—	—	—	—	—	—
Teller	—	—	—	—	—	—	—	—	—	—	—	—
Washington	11	7.3	413	6.1	6 820	9.2	38	3.3	4 383	2.3	70 760	2.2
Weld	259	1.6	19 570	1.2	1 317 605	1.4	440	1.3	30 270	1.1	621 562	1.1
Yuma	5	10.8	313	10.3	18 068	8.7	115	1.6	16 893	1.0	332 707	.8

See footnotes at end of table.

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.					
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Colorado -----	13 160	.8	1 449 177	.6	3 464 389	.6
Adams -----	217	2.0	14 164	2.9	36 349	2.9
Alamosa -----	191	1.5	33 033	1.7	79 859	1.8
Arapahoe -----	66	3.0	4 904	2.7	8 694	3.5
Archuleta -----	94	3.0	7 171	4.0	14 860	5.2
Baca -----	115	2.5	11 672	1.8	24 894	2.3
Bent -----	155	1.9	33 551	1.6	132 135	1.6
Boulder -----	417	1.4	21 764	1.9	56 896	2.4
Chaffee -----	103	1.8	9 889	2.8	18 654	2.7
Cheyenne -----	74	1.7	8 328	1.4	15 999	2.9
Clear Creek -----	6	12.1	240	11.3	92	11.4
Conejos -----	373	1.6	78 092	1.5	159 173	1.4
Costilla -----	149	1.7	15 859	2.4	40 814	2.3
Crowley -----	86	2.7	8 315	3.9	22 907	3.8
Custer -----	74	2.1	14 341	2.0	28 995	1.9
Delta -----	620	1.1	29 744	1.3	73 973	1.4
Denver -----	1	47.1	(D)	(D)	(D)	(D)
Dolores -----	60	3.5	9 536	3.5	22 838	4.5
Douglas -----	184	2.0	12 302	2.3	13 557	2.7
Eagle -----	82	2.6	14 692	2.1	23 274	1.9
Elbert -----	331	1.3	39 683	1.2	54 401	1.6
El Paso -----	200	2.0	22 909	1.9	34 832	1.7
Fremont -----	268	1.5	9 300	1.9	18 318	2.2
Garfield -----	314	1.3	33 529	1.5	71 518	1.6
Gilpin -----	1	—	(D)	(D)	(D)	(D)
Grand -----	87	2.5	30 132	1.5	37 831	1.4
Gunnison -----	121	1.7	32 638	1.4	42 752	1.7
Hinsdale -----	11	6.3	1 192	7.3	1 508	5.5
Huerfano -----	125	2.3	14 549	3.4	31 420	5.0
Jackson -----	94	1.5	79 863	.7	98 419	.9
Jefferson -----	118	2.9	4 228	4.7	5 134	5.6
Kiowa -----	46	2.9	5 884	2.2	9 889	2.0
Kit Carson -----	200	1.6	17 756	1.6	48 167	1.6
Lake -----	11	5.6	704	10.4	354	8.6
La Plata -----	482	1.3	35 875	1.7	85 755	2.1
Larimer -----	631	1.1	35 327	1.4	87 825	1.5
Las Animas -----	198	2.0	29 157	1.3	51 471	2.1
Lincoln -----	160	1.3	26 499	1.4	30 603	1.2
Logan -----	447	1.2	47 836	1.3	146 651	1.4
Mesa -----	711	1.2	36 469	1.2	109 029	1.3
Mineral -----	4	—	(D)	(D)	209	—
Moffat -----	211	1.6	27 690	1.1	44 483	1.0
Montezuma -----	416	1.5	43 529	2.9	113 008	3.1
Montrose -----	535	1.2	33 947	1.5	93 263	1.5
Morgan -----	343	1.4	26 660	1.2	100 579	1.4
Otero -----	303	1.4	26 289	1.7	94 241	1.9
Ouray -----	57	2.2	11 158	1.9	16 522	2.0
Park -----	66	2.5	10 733	1.6	12 742	1.6
Phillips -----	71	2.3	4 820	1.3	16 969	1.1
Pitkin -----	50	2.9	5 233	3.4	10 109	3.3
Prowers -----	274	1.6	67 611	1.5	259 867	1.4
Pueblo -----	281	1.6	15 466	1.7	47 027	2.0
Rio Blanco -----	153	1.7	23 552	1.9	49 499	1.6
Rio Grande -----	202	1.4	32 960	1.7	84 548	1.6
Routt -----	300	1.4	42 357	1.3	69 140	1.4
Saguache -----	145	1.6	51 634	1.4	88 221	1.7
San Juan -----	1	—	(D)	(D)	(D)	(D)
San Miguel -----	54	2.8	8 044	3.3	14 851	3.3
Sedgwick -----	81	2.5	7 027	2.7	20 352	2.9
Summit -----	14	2.7	3 310	.2	4 797	.2
Teller -----	26	5.3	2 256	8.9	2 173	4.5
Washington -----	266	1.3	26 380	1.0	55 036	1.0
Weld -----	1 434	.8	119 832	.9	437 518	1.0
Yuma -----	250	1.4	25 903	1.0	88 997	1.1

¹Data are based on a sample of farms.

Table G. State Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992

[Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Census published farms		Not on mail list ¹		Percent not on mail list ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
Farms ----- number ..	27 152	.8	3 016	24.8	10.0	2.4
Land in farms ----- acres ..	33 983 029	.2	343 442	34.5	1.0	.4
Average size of farm ----- acres ..	1 251.6	.8	113.9	29.0	(X)	(X)
Farms by size:						
Less than 10 acres -----	2 424	1.4	364	62.0	13.1	7.1
10 to 49 acres -----	4 867	1.3	1 194	39.5	19.7	6.4
Less than 50 acres -----	7 291	1.2	1 558	33.2	17.6	5.0
50 acres or more -----	19 861	.7	1 458	34.4	6.8	2.3
50 to 99 acres -----	2 459	1.2	457	50.2	15.7	6.8
100 to 179 acres -----	2 912	1.1	301	48.1	9.4	4.1
180 acres or more -----	14 490	.7	700	49.8	4.6	2.2
Harvested cropland ----- farms ..	18 573	.7	1 421	35.3	7.1	2.4
acres ..	5 532 964	.4	65 002	45.3	1.2	.5
Farms by value of sales:						
Less than \$1,000 -----	3 689	1.5	562	53.6	13.2	6.1
\$1,000 to \$2,499 -----	2 676	1.5	1 182	41.2	30.6	8.7
Less than \$2,500 -----	6 365	1.4	1 745	33.3	21.5	5.6
\$2,500 or more -----	20 787	.7	1 272	33.2	5.8	1.8
\$2,500 to \$9,999 -----	5 642	1.1	891	39.2	13.6	4.6
\$10,000 or more -----	15 145	.7	380	49.9	2.4	1.2
Market value of agricultural products sold --- \$1,000 ---	4 115 552	.1	15 650	36.7	.4	.2
Farms by standard industrial classification:						
Crops (01) -----	11 033	.8	1 316	38.0	10.7	3.8
Livestock (02) -----	16 119	.8	1 701	32.8	9.5	2.9
Farms by type of organization:						
Individual or family -----	22 359	.9	2 797	26.1	11.1	2.8
Partnership or corporation -----	4 539	.7	219	71.8	4.6	3.2
Other -----	254	1.9	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners -----	14 707	1.0	2 447	26.1	14.3	3.4
Part owners and tenants -----	12 445	.7	570	43.8	4.4	1.9
Part owners -----	8 711	.6	246	72.0	2.7	2.0
Tenants -----	3 734	1.0	324	55.4	8.0	4.1
Operators by place of residence:						
On farm operated -----	19 874	.8	2 364	27.4	10.6	2.8
Not on farm operated -----	5 759	1.0	652	41.3	10.2	3.9
Not reported -----	1 519	1.0	(L)	(H)	(L)	(L)
Operators by principal occupation:						
Farming -----	16 181	.7	739	39.2	4.4	1.7
Other -----	10 971	1.1	2 021	28.1	15.6	3.9
Operators by sex:						
Male -----	24 654	.8	2 741	24.4	10.0	2.3
Female -----	2 498	1.2	275	75.5	9.9	7.0
Operators by race:						
White -----	26 526	.8	2 636	26.4	9.0	2.3
Black and other races -----	626	1.7	125	80.3	16.6	11.1
Operators by years on present farm:						
4 years or less -----	3 985	1.3	753	38.4	15.9	5.1
5 years or more -----	19 413	.7	2 008	31.6	9.4	2.9
Average years on present farm -----	18.1	1.1	8.9	33.7	(X)	(X)
Not reported -----	3 754	1.0	256	(H)	6.4	6.1
Average age of operator -----	52.9	1.1	46.9	27.3	(X)	(X)

Note: These estimates do not account for incorrectly classified farms or farms appearing more than once in the census and are subject to change in the 1992 Coverage Evaluation publication. See appendix C text for further explanation.

¹Estimates are based on a sample survey conducted independently of census data collection.